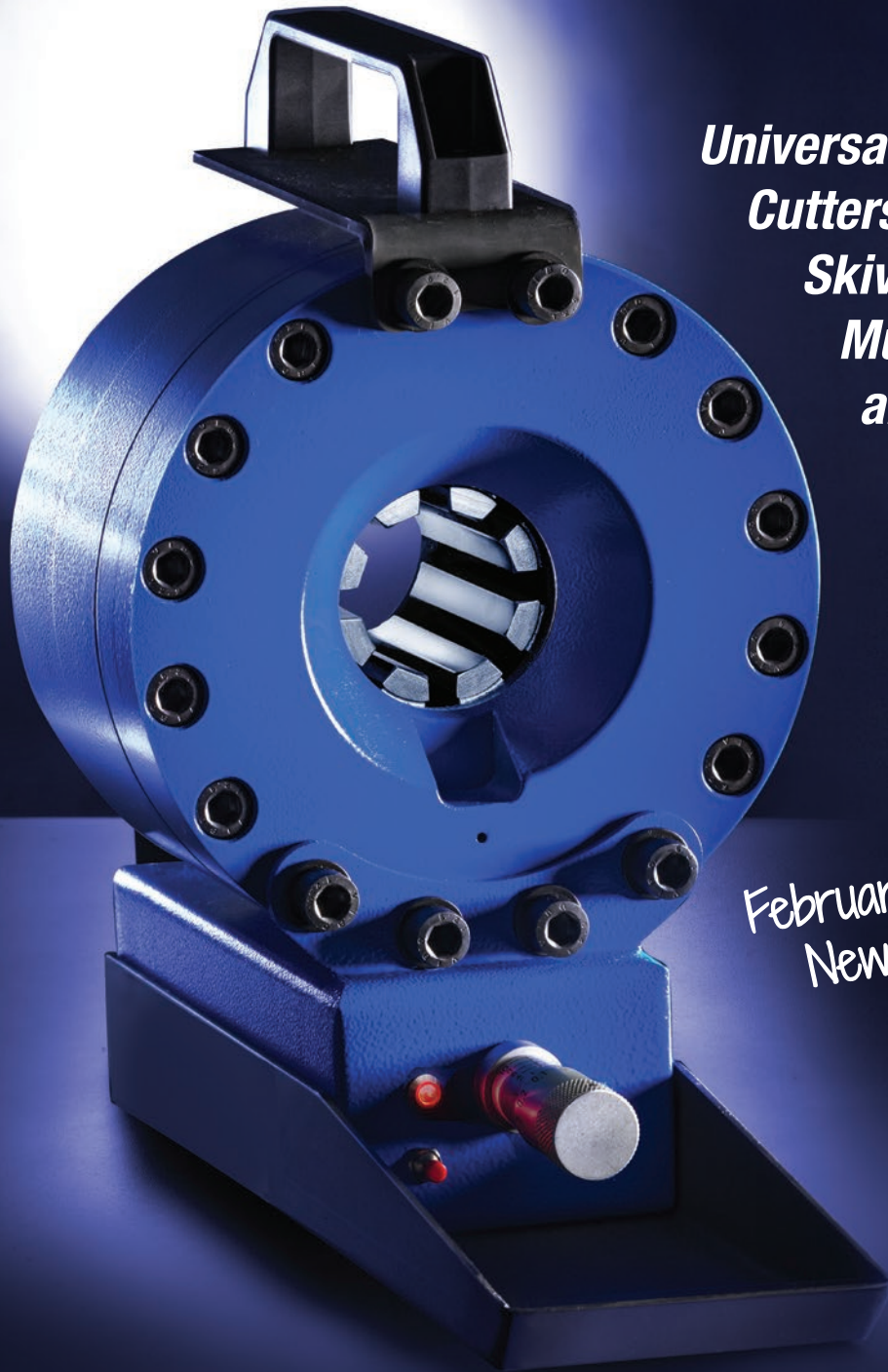




KuriCrimpTM

POWERED BY **op**[®]



***Universal Crimpers,
Cutters, Pushers,
Skivers,
Multicenters
and More***

*February 2024
New Product Updates*

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Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

The KuriCrimp™ System

The KuriCrimp™ System represents the coming together of three Industrial Hose Industry leaders: Kuriyama, Alfagomma® and O+P®, to bring you a complete, integrated offering of high quality hydraulic hose, industrial hose and assembly equipment.



KuriCrimp™ brings together Kuriyama's Kuri Tec®, Tigerflex™, Piranha® and Tipsa™ thermoplastic hose brands and full line of KOA Couplings; Alfagomma's vast range of industrial and hydraulic rubber hose; and O+P's expansive line of universal hose and tubing processing equipment; culminating in a comprehensive product offering; all supported by Kuriyama's vast North American Customer Service, Warehousing and Distribution Network.

What does all this mean for you? It means Kuriyama is your complete hose manufacturer, providing one source for all your hydraulic and industrial hose assembly needs. But more than that, it means you get access to the resources of not one, but three innovative companies, each highly specialized in their respective fields, meaning you get high quality products and support you can rely on, as well as access to multiple, highly experienced research, design and development departments, with the expertise and desire to work with you to develop custom solutions to your most challenging applications.

The O+P Difference

Kuriyama is extremely excited to welcome O+P into the KuriCrimp family. Founded in 1981, O+P brings a fresh sense of exuberance and customer driven design and development to the field of hose and tubing processing equipment.

Well established in Europe, O+P's US office is located in Acton, MA, providing domestic technical product support. As an ISO 9001 manufacturer with a reputation for innovative, highly durable, low maintenance products, O+P produces all of their own mechanical components through their sister manufacturing company Sinde Srl., allowing for streamlined product development and providing for complete quality control oversight from start to finish.



O+P Head Office — Brescia, Italy

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COMPARISON



KC1-H47E



KC1-H47PM



KC1-H47PI

Crimping Force (ton)	110	110	110
Max. Capacity 1-2 Wire Braided (in)	1	1	1
Max. Capacity 4 Spiral (in)	NA	NA	NA
Max. Capacity 6 Spiral (in)	NA	NA	NA
Max. Capacity Industrial (in)	NA	NA	NA
Power	Hand, Air or Battery	Hand	Air
Max. Opening with Dies (mm / in)	49 / 1.93	49 / 1.93	49 / 1.93
Page Number	5	6	7



KC1-H64PM



KC1-H64PI



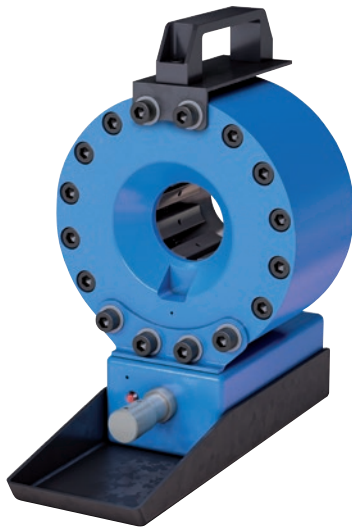
KC2-J67

Crimping Force (ton)	132	132	190
Max. Capacity 1-2 Wire Braided (in)	1 1/2	1 1/2	1 1/2
Max. Capacity 4 Spiral (in)	1 1/4*	1 1/4*	1 1/4*
Max. Capacity 6 Spiral (in)	NA	NA	NA
Max. Capacity Industrial (in)	NA	NA	NA
Power	Hand	Air	1.5 HP (110 V)
Max. Opening with Dies (mm / in)	69 / 2.72	69 / 2.72	NA
Page Number	8	9	10

* 1 1/4" up to 4,000 PSI, 1" up to 5,000 PSI

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KC1-H47E Series



NEW



Case with eight dies (10, 12, 14, 16, 19, 22, 25 and 29 mm) available (sold separately)
 PN# KC1-H47E-DIECASE

DESCRIPTION

With its compact design, built-in carrying handle, and weighing a mere 52 lbs., this crimper is one for the road, perfect for on-site service in remote spots. It's powered by either a separate hand, pneumatic or battery powered pump (sold separately).

INCLUDED ACCESSORIES



Die Change Tool
 KCDCT-H39



Carry Handle

OPTIONAL ACCESSORIES (PGS. 36 – 43)



NEW

Battery Pump
 KC1-H47E-BPP



Hand Pump
 KC1-H47E-HP



Air Pump
 KC1-H47E-PAP



Support Frame
 KC1-H47E-BASE



NEW

Case and Dies
 KC1-H47E-DIECASE

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1	110
4 SP / 6 SP	NA	
90° Fittings	3/8	
Industrial	NA	

Opening Diameter	
Max. With Dies (mm / in)	49 / 1.93
By Die Size (mm / in)	Die Size + 20 / 0.79

Crimper Size	
L x W x H (in)	7.87 x 12.36 x 12.60
Weight (lbs)	52

Part Number	Pump Info
KC1-H47E	Hand, Air or Battery

CONTROL MECHANISM



Dial micrometer, with electric limit switch indicating when the crimp diameter is reached.

Die Series		Die Range (mm)			
H39		6 – 29			
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)	
KCDH39-6	6.0 - 8.0	6	55	4.0	
KCDH39-8	8.0 - 10.0	8	55	4.0	
KCDH39-10	10.0 - 12.0	10	55	4.0	
KCDH39-12	12.0 - 14.0	12	55	4.0	
KCDH39-14	14.0 - 16.0	14	55	4.0	
KCDH39-16	16.0 - 19.0	16	55	4.0	
KCDH39-19	19.0 - 22.0	19	55	4.0	
KCDH39-22	22.0 - 25.0	22	55	4.0	
KCDH39-25	25.0 - 29.0	25	65	4.0	
KCDH39-29	29.0 - 34.0	29	65	4.0	

BATTERY PUMP INFO KC1-H47E-BPP

- One 14.4V battery (PN# BATT-H47E) included
- Charger included
- Compact and lightweight (only 18 lbs.)

NEW



(sold separately)

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KC1-H47PM SERIES



DESCRIPTION

Looking for a reliable crimper that won't take up a lot of space? With its small footprint the KC1-H47PM is a perfect fit for crowded shops. Its small size also makes it suitable for quick trips into the field.

INCLUDED ACCESSORIES



Die Change Tool
KCDCT-H39



Hand Pump



Die Storage
Drawer

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Custom Made Dies

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1	110
4 SP / 6 SP	NA	
90° Fittings	3/8	
Industrial	NA	
Opening Diameter		
Max. With Dies (mm / in)		49 / 1.93
By Die Size (mm / in)		Die Size + 20 / 0.79
Crimper Size		
L x W x H (in)		15.4 x 20.7 x 11.8
Weight (lbs)		71
Part Number		Pump Info
KC1-H47PM		Hand

CONTROL MECHANISM



Dial micrometer, with electric limit switch indicating when the crimp diameter is reached.

Die Series		Die Range (mm)			
H39		6 – 29			
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)	
KCDH39-6	6.0 - 8.0	6	55	4.0	
KCDH39-8	8.0 - 10.0	8	55	4.0	
KCDH39-10	10.0 - 12.0	10	55	4.0	
KCDH39-12	12.0 - 14.0	12	55	4.0	
KCDH39-14	14.0 - 16.0	14	55	4.0	
KCDH39-16	16.0 - 19.0	16	55	4.0	
KCDH39-19	19.0 - 22.0	19	55	4.0	
KCDH39-22	22.0 - 25.0	22	55	4.0	
KCDH39-25	25.0 - 29.0	25	65	4.0	
KCDH39-29	29.0 - 34.0	29	65	4.0	

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KC1-H47PI SERIES



DESCRIPTION

Looking for a reliable crimper that won't take up a lot of space? With its small footprint the KC1-H47PI is a perfect fit for crowded shops. Its small size also makes it suitable for quick trips into the field.

INCLUDED ACCESSORIES



Die Change Tool
KCDCT-H39



Air Pump*



Die Storage
Drawer

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Custom Made Dies

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1	110
4 SP / 6 SP	NA	
90° Fittings	3/8	
Industrial	NA	
Opening Diameter		
Max. With Dies (mm / in)		49 / 1.93
By Die Size (mm / in)		Die Size + 20 / 0.79
Crimper Size		
L x W x H (in)		15.0 x 16.9 x 15.8
Weight (lbs)		84
Part Number		Pump Info
KC1-H47PM		Air

CONTROL MECHANISM



Dial micrometer, with electric limit switch indicating when the crimp diameter is reached.

Die Series		Die Range (mm)		
H39		6 – 29		
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH39-6	6.0 - 8.0	6	55	4.0
KCDH39-8	8.0 - 10.0	8	55	4.0
KCDH39-10	10.0 - 12.0	10	55	4.0
KCDH39-12	12.0 - 14.0	12	55	4.0
KCDH39-14	14.0 - 16.0	14	55	4.0
KCDH39-16	16.0 - 19.0	16	55	4.0
KCDH39-19	19.0 - 22.0	19	55	4.0
KCDH39-22	22.0 - 25.0	22	55	4.0
KCDH39-25	25.0 - 29.0	25	65	4.0
KCDH39-29	29.0 - 34.0	29	65	4.0

* Separate air compressor needed to operate

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KC1-H64PM SERIES



DESCRIPTION

Portable and powerful. Its built-in carrying handle and 95 lbs. weight makes it excellent for switching between on-site and in-shop use. Crimps up to 1 1/2" two wire, and 1 1/4" 4 SP hydraulic hoses.

INCLUDED ACCESSORIES



Die Change Tool



Hand Pump



Carry Handle

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Custom Made Dies

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	132
4 SP / 6 SP	1 1/4* / 1	
90° Fittings	NA	
Industrial	NA	

* 1 1/4" up to 4,000 PSI. 1" up to 5,000 PSI.

Opening Diameter	
Max. With Dies (mm / in)	69 / 2.72
By Die Size (mm / in)	Die Size + 15 / 0.59

Crimper Size	
L x W x H (in)	12.1 x 10.1 x 12.2
Weight (lbs)	95

Part Number	Pump Info
KC1-H64PM	Hand

CONTROL MECHANISM



Dial micrometer, with electric limit switch indicating when the crimp diameter is reached.

Die Series		Die Range (mm)			
H64		6 – 54			
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)	
KCDH64-6	6.0 - 8.0	6	46	4.0	
KCDH64-8	8.0 - 10.0	8	46	4.0	
KCDH64-10	10.0 - 12.0	10	46	4.0	
KCDH64-12	12.0 - 14.0	12	46	4.0	
KCDH64-14	14.0 - 16.0	14	46	4.0	
KCDH64-16	16.0 - 19.0	16	46	4.0	
KCDH64-19	19.0 - 22.0	19	55	4.0	
KCDH64-22	22.0 - 25.0	22	55	4.0	
KCDH64-25	25.0 - 29.0	25	55	4.0	
KCDH64-29	29.0 - 34.0	29	60	4.0	
KCDH64-34	34.0 - 38.0	34	60	4.0	
KCDH64-38	38.0 - 42.0	38	65	4.0	
KCDH64-42	42.0 - 46.0	42	65	4.0	
KCDH64-46	46.0 - 50.0	46	65	4.0	
KCDH64-50	50.0 - 54.0	50	65	4.0	
KCDH64-54	54.0 - 58.0	54	65	4.0	

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KC1-H64PI SERIES



Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	132
4 SP / 6 SP	1 1/4* / 1	
90° Fittings	NA	
Industrial	NA	
* 1 1/4" up to 4,000 PSI. 1" up to 5,000 PSI.		
Opening Diameter		
Max. With Dies (mm / in)		69 / 2.72
By Die Size (mm / in)		Die Size + 15 / 0.59
Crimper Size		
L x W x H (in)		12.1 x 10.1 x 12.2
Weight (lbs)		95
Part Number		Pump Info
KC1-H64PI		Air

DESCRIPTION

Portable and powerful. Its built-in carrying handle and 95 lbs. weight makes it excellent for switching between on-site and in-shop use. Crimps up to 1 1/2" two wire, and 1 1/4" 4 SP hydraulic hoses.

CONTROL MECHANISM



Dial micrometer, with electric limit switch indicating when the crimp diameter is reached.

INCLUDED ACCESSORIES



Die Change Tool



Air Pump



Carry Handle

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Custom Made Dies

Die Series		Die Range (mm)		
H64		6 – 54		
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH64-6	6.0 - 8.0	6	46	4.0
KCDH64-8	8.0 - 10.0	8	46	4.0
KCDH64-10	10.0 - 12.0	10	46	4.0
KCDH64-12	12.0 - 14.0	12	46	4.0
KCDH64-14	14.0 - 16.0	14	46	4.0
KCDH64-16	16.0 - 19.0	16	46	4.0
KCDH64-19	19.0 - 22.0	19	55	4.0
KCDH64-22	22.0 - 25.0	22	55	4.0
KCDH64-25	25.0 - 29.0	25	55	4.0
KCDH64-29	29.0 - 34.0	29	60	4.0
KCDH64-34	34.0 - 38.0	34	60	4.0
KCDH64-38	38.0 - 42.0	38	65	4.0
KCDH64-42	42.0 - 46.0	42	65	4.0
KCDH64-46	46.0 - 50.0	46	65	4.0
KCDH64-50	50.0 - 54.0	50	65	4.0
KCDH64-54	54.0 - 58.0	54	65	4.0

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KC2-J67 SERIES

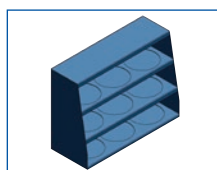
NOW WITH
RUBBER CAGE
DIES



DESCRIPTION

An extremely powerful, vertical unit, with a robust 190 tons of crimping force. Crimps up to 1 1/2" two wire, and up to 1 1/4" 4,000 PSI and 1" 5,000 PSI, hydraulic hoses. Uses color coded rubber cage dies for easier handling and identification.

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Die Rack
DIERACK-J67



Custom Made Dies

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	190
4 SP / 6 SP	1 1/4 / NA	
90° Fittings	1 1/2	
Industrial	NA	
Opening Diameter		
Max. With Dies (mm / in)		67 / 2.64
By Die Size (mm / in)		NA
Crimper Size		
L x W x H (in)		20.5 x 19.3 x 20.2
Weight (lbs)		195
Part Number		Motor Info
KC2-J67-110/1		1.5 HP (110 V) 1 PH

CONTROL MECHANISM



Digital dial micrometer, and electromechanical power control. Easily switches between English and metric values.

Die Series	Die Range (mm)			
J67	10 – 54			
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDJ67-6	6.0 - 8.0	6	75	14.5
KCDJ67-8	8.0 - 10.0	8	75	14.5
KCDJ67-10	10.0 - 12.0	10	75	14.5
KCDJ67-12	12.0 - 14.0	12	75	14.5
KCDJ67-14	14.0 - 16.0	14	75	14.5
KCDJ67-16	16.0 - 19.0	16	75	14.5
KCDJ67-19	19.0 - 22.0	19	75	14.5
KCDJ67-22	22.0 - 25.0	22	75	14.5
KCDJ67-25	25.0 - 29.0	25	75	14.5
KCDJ67-29	29.0 - 34.0	29	75	14.5
KCDJ67-34	34.0 - 38.0	34	75	14.5
KCDJ67-38	38.0 - 42.0	38	75	14.5
KCDJ67-42	42.0 - 46.0	42	75	14.5
KCDJ67-46	46.0 - 50.0	46	75	14.5
KCDJ67-50	50.0 - 54.0	50	75	14.5
KCDJ67-54	54.0 - 58.0	54	75	14.5

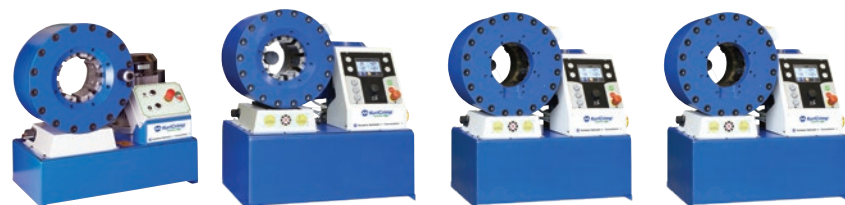
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COMPARISON



	KC1-H83	KC3-H88	KC1-H130	KC3-H130
Crimping Force (ton)	150	150	210	210
Max. Capacity 1-2 Wire Braided (in)	1 1/2	1 1/2	2	2
Max. Capacity 4 Spiral (in)	1 1/4	1 1/4	2	2
Max. Capacity 6 Spiral (in)	1	1	1 1/4	1 1/2*
Max. Capacity Industrial (in)	1 1/2	1 1/2	3	3
Max. Opening without Dies (mm / in)	111 / 4.37	111 / 4.37	154 / 6.06	154 / 6.06
Max. Opening with Dies (mm / in)	96 / 3.78	102 / 4.02	108 / 4.25	108 / 4.25
Power	4.0 HP (230 V)	4.0 HP (230 V)	2.9 HP (230 V)	2.9 HP (230 V)
Page Number	12	13	14	15

* Limited to intermittent use with 5,000 PSI Alfagomma hose using 1-pc fittings



	KC1-H135	KC3-H135	KC3-H144	KC3-H170
Crimping Force (ton)	330	330	440	308
Max. Capacity 1-2 Wire Braided (in)	2	2	2 1/2	2
Max. Capacity 4 Spiral (in)	2	2	2 1/2	2
Max. Capacity 6 Spiral (in)	2	2	2	2*
Max. Capacity Industrial (in)	3	3	4	4†
Max. Opening without Dies (mm / in)	162 / 6.38	162 / 6.38	203 / 7.99	219 / 8.62
Max. Opening with Dies (mm / in)	139 / 5.47	139 / 5.47	176 / 6.93	192 / 7.56
Power	7.5 HP** (230 V)	7.5 HP (230 V)	7.5 HP (230 V)	7 HP (230 V)
Page Number	16	17	18	19

* Limited to 5,000 PSI Alfagomma hose using 1-pc fittings

** 5.5 HP for single phase

† Up to 5" depending on hose and coupling type

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KC1-H83 SERIES



DESCRIPTION

A highly precise unit that packs a punch. Its small footprint makes it an ideal fit for shops where space is at a premium.

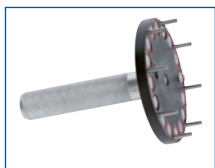
Now available in 12V for mobile service trucks.

INCLUDED ACCESSORIES



Die Rack (12 pc.)
DIERACK-H69

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Quick Change
Die Tool
KCQCT-H69



Patented Quick Change
Die Tool
KCPQCT-H69



Die Holder Base
(12 pc.)
DIEBASE-H69



Electric Foot Pedals
PEDAL-KC1



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	150
4 SP / 6 SP	1 1/4 / 1	
90° Fittings	1 1/4	
Industrial	1 1/2	

Opening Diameter	
Max. With Dies (mm / in)	111 / 4.37
Max. With Dies (mm / in)	96 / 3.78
By Die Size (mm / in)	Die Size + 42 / 1.65

Crimper Size	
L x W x H (in)	23.3 x 23.3 x 21.3
Weight (lbs)	264

Part Number	Motor Info
KC1-H83-230/1	4.0 HP (230 V) 1 PH
KC1-H83-230/3	4.0 HP (230 V) 3 PH
KC1-H83-12V	4.0HP (12V)

CONTROL MECHANISM



- Dial micrometer with locking switch
- Electromechanical controls with power, open/close and emergency off buttons

Die Series		Die Range (mm)		
H69		6 – 54		
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH69-6	6.0 - 8.0	6	60	4.0
KCDH69-8	8.0 - 10.0	8	60	4.0
KCDH69-10	10.0 - 12.0	10	60	4.0
KCDH69-12	12.0 - 14.0	12	60	4.0
KCDH69-14	14.0 - 16.0	14	60	4.0
KCDH69-16	16.0 - 19.0	16	60	4.0
KCDH69-19	19.0 - 22.0	19	60	4.0
KCDH69-22	22.0 - 25.0	22	60	4.0
KCDH69-25	25.0 - 29.0	25	60	4.0
KCDH69-29	29.0 - 34.0	29	70	4.0
KCDH69-34	34.0 - 38.0	34	70	4.0
KCDH69-38	38.0 - 42.0	38	85	4.0
KCDH69-42	42.0 - 46.0	42	85	4.0
KCDH69-46	46.0 - 50.0	46	85	4.0
KCDH69-50	50.0 - 54.0	50	85	4.0
KCDH69-54	54.0 - 58.0	54	75	4.0

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC3-H88 SERIES



DESCRIPTION

The first in its class to offer an automatic back limit switch and ES3 electronic control, greatly increasing crimping efficiency.

INCLUDED ACCESSORIES

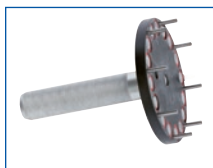


Back Limit Switch



Crimp Calculator

OPTIONAL ACCESSORIES (PGS. 36 – 43)



Quick Change
Die Tool
KCQCT-H69



Patented Quick Change
Die Tool
KCPQCT-H69



Die Holder Base
(12 pc.)
DIEBASE-H69



Die Rack (12 pc.)
DIERACK-H69



Electric Foot Pedal
PEDAL-ES



ES3 Upgrades
(pg. 37)

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	150
4 SP / 6 SP	1 1/4 / 1	
90° Fittings	1 1/4	
Industrial	1 1/2	

Opening Diameter	
Max. Without Dies (mm / in)	111 / 4.37
Max. With Dies (mm / in)	102 / 4.01
By Die Size (mm / in)	Die Size + 48 / 1.89

Crimper Size	
L x W x H (in)	27.6 x 24.2 x 25.2
Weight (lbs)	386

Part Number	Motor Info
KC3-H88-230/1	5.0 HP (230 V) 1 PH
KC3-H88-230/3	5.0 HP (230 V) 3 PH

CONTROL MECHANISM



ES3

- Full-color, touch-screen display
- Stores up to 200 crimp specifications
- Built-in crimp diameter calculator
- Adjustable reopen diameter
- USB port option for data transfer

Die Series	Die Range (mm)			
H69	6 – 54			
Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH69-6	6.0 - 8.0	6	60	4.0
KCDH69-8	8.0 - 10.0	8	60	4.0
KCDH69-10	10.0 - 12.0	10	60	4.0
KCDH69-12	12.0 - 14.0	12	60	4.0
KCDH69-14	14.0 - 16.0	14	60	4.0
KCDH69-16	16.0 - 19.0	16	60	4.0
KCDH69-19	19.0 - 22.0	19	60	4.0
KCDH69-22	22.0 - 25.0	22	60	4.0
KCDH69-25	25.0 - 29.0	25	60	4.0
KCDH69-29	29.0 - 34.0	29	70	4.0
KCDH69-34	34.0 - 38.0	34	70	4.0
KCDH69-38	38.0 - 42.0	38	85	4.0
KCDH69-42	42.0 - 46.0	42	85	4.0
KCDH69-46	46.0 - 50.0	46	85	4.0
KCDH69-50	50.0 - 54.0	50	85	4.0
KCDH69-54	54.0 - 58.0	54	75	4.0

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KC1-H130 SERIES



Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2	210
4 SP / 6 SP	2 / 1 1/4	
90° Fittings	2	
Industrial	3	
Opening Diameter		
Max. Without Dies (mm / in)		154 / 6.06
Max. With Dies (mm / in)		108 / 4.25
By Die Size (mm / in)		Die Size + 35 / 1.38
Crimper Size		
L x W x H (in)		26.2 x 23.1 x 26
Weight (lbs)		454
Part Number		Motor Info
KC1-H130-230/1		2.9 HP (230 V) 1 PH
Die Series		Die Range (mm)
H119		6 – 96

i Refer to pg. 20 for available dies

DESCRIPTION

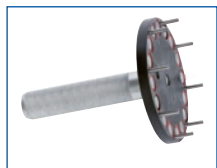
The KC1-H130 is a powerful yet economical shop crimping machine with the ability to crimp up to 2" 4 SP, 1 1/4" 6 SP hydraulic as well as industrial hose up to 3".

CONTROL MECHANISM



- Dial micrometer with locking switch
- Electromechanical controls with power, open/close and emergency off buttons

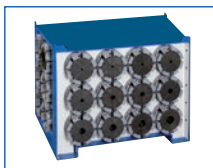
OPTIONAL ACCESSORIES (PGS. 36 – 43)



Quick Change
Die Tool
KCQCT-H119



Patented Quick
Change Die Tool
KCPQCT-H130



Die Holder Base
(18 pc.)
DIEBASE-H130



Die Rack (8 pc.)
DIERACK-H119



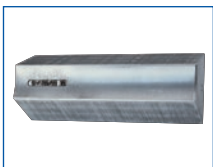
Electric Foot Pedals
PEDAL-KC1



Cleaning and
Lubrication Kit
CALKIT-H130



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC3-H130 SERIES



DESCRIPTION

The production oriented KC3-H130 takes a step up in size capabilities, with the ability to crimp 2" wire braid and 4 SP hydraulic hose, as well as 1 1/2" 5,000 PSI 6 SP hydraulic hose intermittently. Its back limit switch and ES3 computerized controller reduce crimp cycle times.

INCLUDED ACCESSORIES

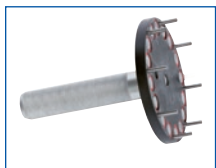


Back Limit Switch



Crimp Calculator

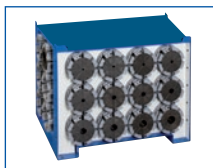
OPTIONAL ACCESSORIES (PGS. 36 – 43)



Quick Change
Die Tool
KCQCT-H119



Patented Quick
Change Die Tool
KCPQCT-H130



Die Holder Base
(18 pc.)
DIEBASE-H119



Die Rack (8 pc.)
DIERACK-H119



Electric Foot Pedal
PEDAL-ES



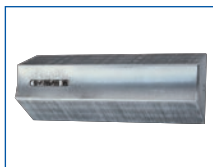
Cleaning and
Lubrication Kit
CALKIT-H130



ES3 Upgrades
(pg. 37)



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Hose Capacity (in)	Crimping Force (ton)
1 – 2 Wire	2
4 SP / 6 SP	2 / 1 1/2*
90° Fittings	2
Industrial	3

210

*1 1/2" limited to intermittent use with 5,000 PSI hose & 1-pc fittings

Opening Diameter
Max. Without Dies (mm / in)
Max. With Dies (mm / in)
By Die Size (mm / in)

154 / 6.06

108 / 4.25

Die Size + 35 / 1.38

Crimper Size
L x W x H (in)
Weight (lbs)

29.9 x 27.2 x 28.8

650

Part Number	Motor Info
KC3-H130-230/1	5.5 HP (230 V) 1 PH
KC3-H130-230/3	5.5 HP (230 V) 3 PH

Die Series	Die Range (mm)
H119	6 – 96

i Refer to pg. 20 for available dies

CONTROL MECHANISM



ES3

- Full-color, touch-screen display
- Stores up to 200 crimp specifications
- Built-in crimp diameter calculator
- Adjustable reopen diameter
- USB port option for data transfer

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC1-H135 SERIES



Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2	330
4 SP / 6 SP	2	
90° Fittings	2	
Industrial	3	
Opening Diameter		
Max. Without Dies (mm / in)		162 / 6.38
Max. With Dies (mm / in)		139 / 5.47
By Die Size (mm / in)		Die Size + 43 / 1.69
Crimper Size		
L x W x H (in)		30.7 x 24.8 x 28.1
Weight (lbs)		704
Part Number		Motor Info
KC1-H135-230/1		5.5 HP (230 V) 1 PH
KC1-H135-230/3		7.5 HP (230 V) 3 PH
Die Series		Die Range (mm)
H119		6 – 96

DESCRIPTION

A powerful, economical crimper that gets the job done. Handles all styles of hydraulic hose up to 2", as well as industrial hose up to 3".

i Refer to pg. 20 for available dies

CONTROL MECHANISM



- Dial micrometer with locking switch
- Electromechanical controls with power, open/close and emergency off buttons

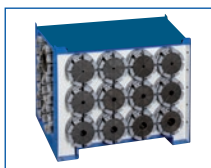
OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KCPQCT-H135



Patented Quick
Change Die Tool
KCPQCT-H135



Die Holder Base
(18 pc.)
DIEBASE-H119



Die Rack (8 pc.)
DIERACK-H119



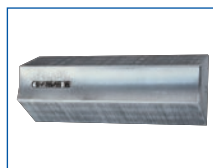
Electric Foot Pedals
PEDAL-KC1



Cleaning and
Lubrication Kit
CALKIT-H130



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC3-H135 SERIES



DESCRIPTION

The production oriented KC3-H135 is a powerful shop crimper that handles all types and sizes of hydraulic hose up to 2" and industrial hose up to 3". Its back limit switch and ES3 computerized controller reduce crimp cycle times.

INCLUDED ACCESSORIES

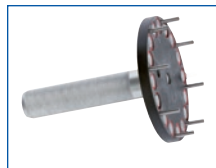


Back Limit Switch



Crimp Calculator

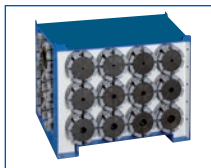
OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KCQCT-H119



Patented Quick
Change Die Tool
KCPQCT-H135



Die Holder Base
(18 pc.)
DIEBASE-H119



Die Rack (8 pc.)
DIERACK-H119



Electric Foot Pedal
PEDAL-ES



ES3 Upgrades
(pg. 37)



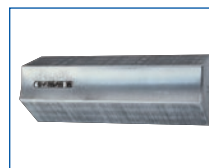
Back Mirror
MIRROR-H135/170



Cleaning and
Lubrication Kit
CALKIT-H130



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2	345
4 SP / 6 SP	2	
90° Fittings	2	
Industrial	3	
Opening Diameter		
Max. Without Dies (mm / in)		162 / 6.38
Max. With Dies (mm / in)		139 / 5.47
By Die Size (mm / in)		Die Size + 43 / 1.69
Crimper Size		
L x W x H (in)		32.3 x 29.5 x 32.3
Weight (lbs)		1,047
Part Number		Motor Info
KC3-H135-230/3		7.5 HP (230 V) 3 PH
Die Series		Die Range (mm)
H119		6 – 96

i Refer to pg. 20 for available dies

CONTROL MECHANISM



ES3

- Full-color, touch-screen display
- Stores up to 200 crimp specifications
- Built-in crimp diameter calculator
- Adjustable reopen diameter
- USB port option for data transfer

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC3-H144 SERIES



DESCRIPTION

The KC3-H144 is a powerful crossover crimper that handles all types and sizes of hydraulic hose and industrial hose up to 4". Its back limit switch and ES3 computerized controller reduce crimp cycle times. Reduction dies included.

INCLUDED ACCESSORIES

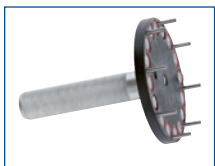


Back Limit Switch



Crimp Calculator

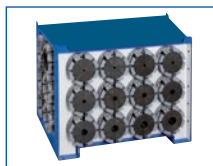
OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KCQCT-H119



Patented Quick
Change Die Tool
KCPQCT-H135



Die Holder Base
(18 pc.)
DIEBASE-H119



Die Rack (8 pc.)
DIERACK-H119



Electric Foot Pedal
PEDAL-ES



ES3 Upgrades
(pg. 37)



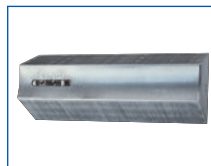
Back Mirror
MIRROR-H135/170



Cleaning and
Lubrication Kit
CALKIT-H130



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

**Note: the KCPQCT-H135 works with the KC3-H144 series crimper.*

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2 1/2	440
4 SP / 6 SP	2 1/2	
90° Fittings	2	
Industrial	4	
Opening Diameter		
Max. Without Dies (mm / in)		203 / 7.99
Max. With Dies (mm / in)		176 / 6.93
By Die Size (mm / in)		Die Size + 45 / 1.77
Crimper Size		
L x W x H (in)		33.0 x 30.3 x 33.6
Weight (lbs)		1,213
Part Number		Motor Info
KC3-H144-230/3		7.5 HP (230 V) 3 PH
Die Series		Die Range (mm)
H119		6 – 96

i Refer to pg. 20 for available dies

CONTROL MECHANISM



ES3

- Full-color, touch-screen display
- Stores up to 200 crimp specifications
- Built-in crimp diameter calculator
- Adjustable reopen diameter
- USB port option for data transfer

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC3-H170 SERIES



DESCRIPTION

The widest opening of all the Standard Volume Crimpers makes this crimper ideal for industrial hose. It makes an excellent hydraulic hose crimper as well, handling up to 2" wire braid and 4 SP hose, along with our 6 SP hoses up to 5000 PSI using F Series, 1-piece fittings. Reduction dies included.

INCLUDED ACCESSORIES

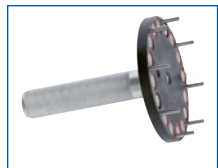


Back Limit Switch



Crimp Calculator

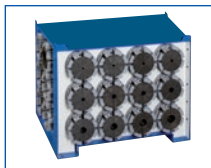
OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KCQCT-H119



Patented Quick
Change Die Tool
KCPQCT-H170



Die Holder Base
(18 pc.)
DIEBASE-H119



Die Rack (8 pc.)
DIERACK-H119



Electric Foot Pedal
PEDAL-ES



ES3 Upgrades
(pg. 37)



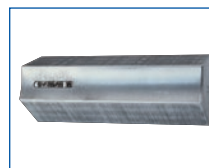
Back Mirror
MIRROR-H135/170



Cleaning and
Lubrication Kit
CALKIT-H130



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2	308
4 SP / 6 SP	2 / 2*	
90° Fittings	2	
Industrial	4†	

*2" limited to 5,000 PSI hose using 1-pc fittings

†Up to 5" depending on hose and coupling type

Opening Diameter	
Max. Without Dies (mm / in)	219 / 8.62
Max. With Dies (mm / in)	192 / 7.56
By Die Size (mm / in)	Die Size + 61 / 2.42

Crimper Size	
L x W x H (in)	32.3 x 25.9 x 33.0
Weight (lbs)	1,102

Part Number	Motor Info
KC3-H170-230/3	7 HP (230 V) 3 PH

Die Series	Die Range (mm)
H119 & H144	6 – 131^

^ Custom Dies available to 138 mm

i Refer to pg. 20 for available dies

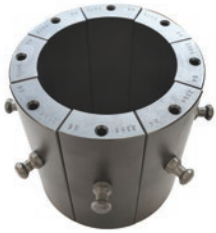
CONTROL MECHANISM



ES3

- Full-color, touch-screen display
- Stores up to 200 crimp specifications
- Built-in crimp diameter calculator
- Adjustable reopen diameter
- USB port option for data transfer

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



KCDH Series

Available Dies

FOR KC1-H130, KC3-H130, KC1-H135, KC3-H135,
KC3-H144 AND KC3-H170 SERIES CRIMPERS

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH119-6	6.0 - 8.0	6	60	11.7
KCDH119-8	8.0 - 10.0	8	60	11.7
KCDH119-10	10.0 - 12.0	10	60	11.7
KCDH119-12	12.0 - 14.0	12	60	11.7
KCDH119-14	14.0 - 16.0	14	60	11.7
KCDH119-16	16.0 - 19.0	16	60	11.7
KCDH119-19	19.0 - 22.0	19	60	11.7
KCDH119-22	22.0 - 25.0	22	60	12.2
KCDH119-25	25.0 - 29.0	25	60	12.0
KCDH119-29	29.0 - 34.0	29	70	12.0
KCDH119-34	34.0 - 38.0	34	70	12.0
KCDH119-38	38.0 - 42.0	38	85	12.0
KCDH119-42	42.0 - 46.0	42	85	15.5
KCDH119-46	46.0 - 50.0	46	95	16.5
KCDH119-50	50.0 - 54.0	50	95	15.5
KCDH119-54x110	54.0 - 58.0	54	110	15.5
KCDH119-58	58.0 - 63.0	58	95	14.5
KCDH119-60x110	60.0 - 63.0	58	110	14.5
KCDH119-63x120	63.0 - 69.0	63	120	14.5
KCDH119-69	69.0 - 73.0	69	100	13.5
KCDH119-73x120	73.0 - 77.0	73	120	12.5
KCDH119-77	77.0 - 86.0	77	120	12.5
KCDH119-86	86.0 - 90.0	86	120	12.5
KCDH119-90	90.0 - 96.0	90	150	12.5
KCDH119-96	96.0 - 103.0	96	120	12.5

*Crimp range up to 170 mm for KC3-H170 crimper, with custom dies available up to 138 mm.

FOR KC3-H144 AND KC3-H170 SERIES
CRIMPERS ONLY

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDH144-103	103.0 - 106.0	103	130	12.5
KCDH144-106	106.0 - 111.0	106	130	12.5
KCDH144-111	111.0 - 116.0	111	130	12.5
KCDH144-116	116.0 - 121.0	116	130	12.5
KCDH144-121	121.0 - 126.0	121	130	12.5
KCDH144-126	126.0 - 131.0	126	130	12.5
KCDH144-131	131.0 - 144.0*	131	130	12.5

*Crimp range up to 170 mm for KC3-H170 crimper, with custom dies available up to 138 mm.

REPLACEMENT PINS AVAILABLE

Part Number	Description	Pcs.
KCRDP-H119	Replacement pin for KCDH119 series dies	1
KCRDP-H144	Replacement pin for KCDH144 series dies	1
KCDPK-H119	Set of replacement pins for KCDH119 series dies	8
KCDPK-H144	Set of replacement pins for KCDH144 series dies	8

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Marking Dies

- Imprints your own custom message, logo, or date code on the ferrule during the crimping process.
- Purchase your own custom set of letters, numbers, symbols and spacer blocks; which can be arranged and rearranged in any manner to create various branding messages or date codes for hose traceability.
- Used in conjunction with standard die set for that size, and replaces one of the eight standard die segments with marking die segment.
- Marking varies in height from 1.5 mm to 4 mm, and in length from 10 to 15 characters, depending on die size.
- For use with KC1-H130, KC3-H130, KC1-H135, KC3-H135, KC3-H144 and KC3-H170 Series Crimpers.
- Also available for KC1-H83, KC3-H88 and all KC4 Series crimpers. Contact Kuriyama Customer Service for details.



Marking Die Segment with Character Blocks inserted

KCHAR Series

Character Blocks

Available in a wide variety of letters, numbers and symbols, character blocks can be arranged in a various ways within the hollowed out marking die segment.

INDIVIDUAL CHARACTER BLOCKS

Part Number	Die Sizes (mm)	Character Height (mm)
KCHAR1.5MM	12 & 14	1.5
KCHAR2MM	16, 19, 22, 25 & 29	2.0
KCHAR3MM	34, 38, 42, 46, 50, 54, 58, 63, 69 & 73	3.0
KCHAR4MM	103, 106, 111, 116, 121, 121, 126 & 131	4.0



Marking Die Segments replace one of the eight standard die segments for that particular size (crimp diameter).

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KCMARKH Series

Marking Die Segments

Used in conjunction with the standard die set for that size, marking die segments replace one of the eight standard die segments with one to which character blocks can be added in order to imprint on the ferrule.

FOR KC1-H130, KC3-H130, KC1-H135, KC3-H135, KC3-H144 AND KC3-H170 SERIES CRIMPERS

Part Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)	Available Character Spaces	Individual Character Blocks Part Number
KCMARKH119-12	12.0 - 14.0	12	60	1.5	10	KCHAR1.5MM
KCMARKH119-14	14.0 - 16.0	14	60	1.5	10	KCHAR1.5MM
KCMARKH119-16	16.0 - 19.0	16	60	1.5	15	KCHAR2MM
KCMARKH119-19	19.0 - 22.0	19	60	1.5	15	KCHAR2MM
KCMARKH119-22	22.0 - 25.0	22	60	1.5	15	KCHAR2MM
KCMARKH119-25	25.0 - 29.0	25	60	1.5	15	KCHAR2MM
KCMARKH119-29	29.0 - 34.0	29	70	1.5	15	KCHAR2MM
KCMARKH119-34	34.0 - 38.0	34	70	1.5	15	KCHAR3MM
KCMARKH119-38	38.0 - 42.0	38	85	1.5	15	KCHAR3MM
KCMARKH119-42	42.0 - 46.0	42	85	1.9	15	KCHAR3MM
KCMARKH119-46	46.0 - 50.0	46	95	1.9	15	KCHAR3MM
KCMARKH119-50	50.0 - 54.0	50	95	1.9	15	KCHAR3MM
KCMARKH119-54	54.0 - 58.0	54	110	1.9	15	KCHAR3MM
KCMARKH119-58	58.0 - 63.0	58	95	1.9	15	KCHAR3MM
KCMARKH119-63	63.0 - 69.0	63	120	1.9	15	KCHAR3MM
KCMARKH119-69	69.0 - 73.0	69	100	1.8	15	KCHAR3MM
KCMARKH119-73	73.0 - 77.0	73	120	1.5	15	KCHAR3MM
KCMARKH119-77	77.0 - 86.0	77	120	1.5	15	KCHAR3MM
KCMARKH119-86	86.0 - 90.0	86	120	1.5	15	KCHAR3MM
KCMARKH119-90	90.0 - 96.0	90	150	1.5	15	KCHAR3MM
KCMARKH119-96	96.0 - 103.0	96	120	1.5	15	KCHAR3MM

ADDITIONAL DIES FOR KC3-H144 AND KC3-H170 SERIES CRIMPERS ONLY

KCMARKH144-103	103.0 - 106.0	103	130	1.5	12	KCHAR4MM
KCMARKH144-106	106.0 - 111.0	106	130	1.5	12	KCHAR4MM
KCMARKH144-111	111.0 - 116.0	111	130	1.5	12	KCHAR4MM
KCMARKH144-116	116.0 - 121.0	116	130	1.5	12	KCHAR4MM
KCMARKH144-121	121.0 - 126.0	121	130	1.5	12	KCHAR4MM
KCMARKH144-126	126.0 - 131.0	126	130	1.5	12	KCHAR4MM
KCMARKH144-131	131.0 - 144.0	131	130	1.5	12	KCHAR4MM

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

COMPARISON


KC4-V59

KC4-V150

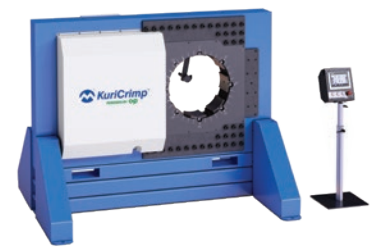
KC4-V159

KC4-V160

Crimping Force (ton)	155	340	330	386
Max. Capacity 1-2 Wire Braided (in)	1 1/2	2 1/2	2 1/2	3
Max. Capacity 4 Spiral (in)	1 1/4	2 1/2	2 1/2	3
Max. Capacity 6 Spiral (in)	1	2 1/2	2 1/2	3
Max. Capacity Industrial (in)	NA	4	5*	6
Max. Opening without Dies (mm / in)	119 / 4.69	189 / 7.44	228 / 8.98	288 / 11.34
Max. Opening with Dies (mm / in)	96 / 3.78	166 / 6.35	201 / 7.91	261 / 10.28
Power	7.5 HP (230 V)	7 HP (230 V)	7.5 HP (230 V)	10 HP (230 V)
Page Number	24-25	26, 29	27, 29	28-29

* up to 6" (depending on hose and coupling type)


KC4-V250

KC4-V300

KC4-V450

Crimping Force (ton)	551	725	728
Max. Capacity 1-2 Wire Braided (in)	3	3	3
Max. Capacity 4 Spiral (in)	3	3	3
Max. Capacity 6 Spiral (in)	3	3	3
Max. Capacity Industrial (in)	10	12	16
Max. Opening without Dies (mm / in)	15 HP (230 V)	10 HP (230 V)	10 HP (230 V)
Max. Opening with Dies (mm / in)	380 / 14.96	475 / 18.70	560 / 22.05
Power	340 / 13.39	345 / 13.58	530 / 20.80
Page Number	30-31	32-33	34-35

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KC4-V59 SERIES



Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	1 1/2	155
4 SP / 6 SP	1 1/4 / 1	
90° Fittings	1 1/2	
Industrial	NA	
Opening Diameter		
Max. Without Dies (mm / in)		119 / 4.69
Max. With Dies (mm / in)		96 / 3.78
By Die Size (mm / in)		Die Size + 50 / 1.97
Crimper Size		
L x W x H (in)		26.0 x 28.4 x 58.7
Weight (lbs)		1,199
Part Number		Motor Info
KC4-V59-230/3		7.5 HP (230 V) 3 PH
Die Series		Die Range (mm)
V69		6 – 46

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

DESCRIPTION

A mass production crimper boasting an impressive 3,900* crimps per hour. Its back limit switch and advanced Siemen's ES4 computerized controller take efficiency to the highest level. The crimping chamber is fixed at the 6 o'clock position allowing the hose to rest inside the chamber rather than having to be centered.

INCLUDED ACCESSORIES



Back Limit Switch



Electric Foot Pedal
PEDAL-ES



Die Holder Base
(15 pc.)



Fitting Orientation
Protractor



Back Mirror
MIRROR-H135/170



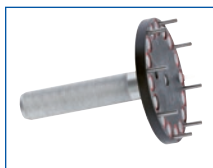
Crimp Calculator

*Theoretical with a 1/2" △ @ 6mm hose

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V59 SERIES

OPTIONAL ACCESSORIES (PGS. 34 – 41)



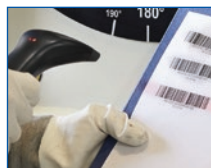
Quick Change
Die Tool
KCQCT-H69



Patented Quick
Change Die Tool
KCPQCT-V59



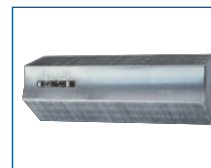
Die Rack (12 pc.)
DIERACK-H69



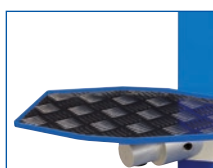
ES4 Upgrades
(pgs. 36 & 37)



Custom Made Dies



Marking Dies
(pgs. 21 & 22)



Mounted Side Table
TABLE-KC



Protection Net with
Activation Switch

KCDV Series

Available Dies for KC4-V59

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV69-6	6.0 - 8.0	6	85	4.0
KCDV69-8	8.0 - 10.0	8	85	4.0
KCDV69-10	10.0 - 12.0	10	85	4.0
KCDV69-12	12.0 - 14.0	12	85	4.0
KCDV69-14	14.0 - 16.0	14	85	4.0
KCDV69-16	16.0 - 19.0	16	85	4.0
KCDV69-19	19.0 - 22.0	19	85	4.0
KCDV69-22	22.0 - 25.0	22	85	4.0
KCDV69-25	25.0 - 29.0	25	85	4.0
KCDV69-29	29.0 - 34.0	29	85	4.0
KCDV69-34	34.0 - 38.0	34	85	4.0
KCDV69-38	38.0 - 42.0	38	85	4.0
KCDV69-42	42.0 - 46.0	42	85	4.0
KCDV69-46	46.0 - 50.0	46	85	4.0

Special dies available up to 54 mm.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V150 SERIES



Hose Capacity (in)	Crimping Force (ton)
1 – 2 Wire	2 1/2
4 SP / 6 SP	2 1/2
90° Fittings	2 1/2
Industrial	4

340

Opening Diameter	
Max. Without Dies (mm / in)	189 / 7.44
Max. With Dies (mm / in)	166 / 6.35
By Die Size (mm / in)	Die Size + 70 / 2.75

Crimper Size	
L x W x H (in)	36.2 x 28.8 x 63.2
Weight (lbs)	2,707

Part Number	Motor Info
KC4-V150-230/3	7 HP (230 V) 3 PH

Die Series	Die Range (mm)
V119	6 – 96

i Refer to pg. 29 for available dies

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

DESCRIPTION

A high volume, production crimper, the KC4-V150 crimps all types and sizes of hydraulic hose, as well as industrial hose up to 4". Its back limit switch and advanced Siemens ES4 computerized controller take efficiency to the highest level. Its power pack is separated from the main unit creating a thin profile.

INCLUDED ACCESSORIES



Back Limit Switch



Die Cart (24 pc.)
DIEART-V119



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor



Back Mirror
MIRROR-H135/170



Crimp Calculator

i Refer to pg. 29 for dies and optional accessories

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V159 SERIES



Greaseless
Operation



Silent
Pump



Fixed 6
O'clock
Position

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	2 1/2	330
4 SP / 6 SP	2 1/2	
90° Fittings	2 1/2	
Industrial	5*	

* Up to 6" (depending on hose and coupling type)

Opening Diameter	
Max. Without Dies (mm / in)	228 / 8.98
Max. With Dies (mm / in)	201 / 7.91
By Die Size (mm / in)	Die Size + 70 / 2.75

Crimper Size	
L x W x H (in)	39.4 x 45.7 x 63.6
Weight (lbs)	3,395

Part Number	Motor Info
KC4-V159-230/3	7.5 HP (230 V) 3 PH

Die Series	Die Range (mm)
V119 & V159	6 – 131*

* Large Diameter Dies available to 150 mm

i Refer to pg. 29 for available dies

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

DESCRIPTION

A mass production hydraulic hose crimper, boasting an impressive 2,400* crimps per hour. Its back limit switch and advanced Siemen's ES4 computerized controller take efficiency to the highest level. Handles a wide range of industrial hose as well up to 6." The crimping chamber is fixed at the 6 o'clock position allowing the hose to rest inside the chamber rather than having to be centered. Reduction dies included.

INCLUDED ACCESSORIES



Back Limit Switch



Die Holder Base
(12 pc.)



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor



Back Mirror
MIRROR-H135/170



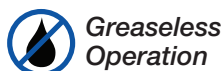
Crimp Calculator

i Refer to page 29 for dies and optional accessories

*Theoretical with a 1/2" Δ @ 6mm hose

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V160 SERIES



Hose Capacity (in)	Crimping Force (ton)
1 – 2 Wire	3
4 SP / 6 SP	3
90° Fittings	3
Industrial	6

386

Opening Diameter	
Max. Without Dies (mm / in)	288 / 11.34
Max. With Dies (mm / in)	201 / 10.28
By Die Size (mm / in)	Die Size + 130 / 5.11

Crimper Size	
L x W x H (in)	41.8 x 34.5 x 76.2
Weight (lbs)	4,916

Part Number	Motor Info
KC4-V160-230/3	10 HP (230 V) 3 PH

Die Series	Die Range (mm)
V119 & V159	6 – 131*

* Large Diameter Dies available to 190 mm

i Refer to pg. 29 for available dies

DESCRIPTION

Handles industrial hose up to 6" and features an enlarged opening mechanism that allows for assemblies with large couplings or flanges. Its back limit switch and advanced Siemen's ES4 computerized controller greatly reduce cycle times. Its power pack is separated from the main unit creating a thin profile. Reduction dies included.

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

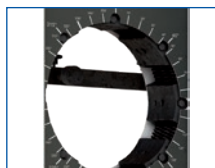
INCLUDED ACCESSORIES



Back Limit Switch



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor



Crimp Calculator

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V150, KC4-V159 & KC4-V160 SERIES

OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KQCCT-H69



Patented Quick
Change Die Tool
KCPQCT-V159*



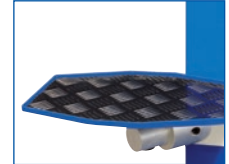
Patented Quick
Change Die Tool
KCPQCT-V160



Die Cart (24 pc.)
DIECART-V119



ES4 Upgrades
(pgs. 38 & 39)



Mounted Side Table
TABLE-KC



Protection Net with
Activation Switch



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

** Works with both KC3-V150 & KC3-V159 Series Crimpers*

AVAILABLE DIES FOR KC4-V150, KC4-V159 AND KC4-V160 SERIES CRIMPERS

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-6	6.0 - 8.0	6	60	15.4
KCDV119-8	8.0 - 10.0	8	60	15.4
KCDV119-10	10.0 - 12.0	10	60	14.4
KCDV119-12	12.0 - 14.0	12	60	14.4
KCDV119-14	14.0 - 16.0	14	60	15.5
KCDV119-16	16.0 - 19.0	16	60	15.5
KCDV119-19	19.0 - 22.0	19	60	16.6
KCDV119-22	22.0 - 25.0	22	60	16.6
KCDV119-25	25.0 - 29.0	25	60	15.5
KCDV119-29	29.0 - 34.0	29	70	15.5
KCDV119-34	34.0 - 38.0	34	70	15.5
KCDV119-38	38.0 - 42.0	38	85	15.5
KCDV119-42	42.0 - 46.0	42	85	15.5
KCDV119-46	46.0 - 50.0	46	120	19.9
KCDV119-50	50.0 - 54.0	50	120	15.5
KCDV119-54	54.0 - 58.0	54	120	16.6
KCDV119-58	58.0 - 63.0	58	120	16.6
KCDV119-63	63.0 - 69.0	63	120	17.7
KCDV119-69	69.0 - 73.0	69	120	15.5
KCDV119-73	73.0 - 77.0	73	120	13.3
KCDV119-77	77.0 - 86.0	77	120	11.1
KCDV119-86	86.0 - 90.0	86	120	12.5
KCDV119-96	96.0 - 103.0	96	120	8.9

ADDITIONAL DIES FOR KC4-V159 SERIES ONLY

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV159-103	103.0 - 106.0	103	126	12.2
KCDV159-106	106.0 - 111.0	106	126	12.2
KCDV159-111	111.0 - 116.0	111	126	12.2
KCDV159-116	116.0 - 121.0	116	126	12.2
KCDV159-121	121.0 - 126.0	121	126	12.2
KCDV159-126	126.0 - 131.0	126	126	12.2
KCDV159-131	131.0 - 136.0	131	126	12.2
KCDV159-150*	150.0 - 160.0	150	126	28.0

ADDITIONAL DIES FOR KC4-V160 SERIES ONLY

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV160-103	103.0 - 106.0	103	135	12.2
KCDV160-106	106.0 - 111.0	106	135	12.2
KCDV160-111	111.0 - 116.0	111	135	12.2
KCDV160-116	116.0 - 121.0	116	135	12.2
KCDV160-121	121.0 - 126.0	121	135	12.2
KCDV160-126	126.0 - 131.0	126	135	12.2
KCDV160-131	131.0 - 136.0	131	135	12.2
KCDV160-166*	166.0 - 178.0	166	135	29.0
KCDV160-178*	178.0 - 190.0	178	135	29.0
KCDV160-190*	190.0 - 215.0	190	135	29.0

** Large Diameter Die. Other sizes are available.*

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V250 SERIES



Hose Capacity (in)	Crimping Force (ton)
1 – 2 Wire	3
4 SP / 6 SP	3
90° Fittings	3
Industrial	10

551

Opening Diameter	
Max. Without Dies (mm / in)	380 / 14.96
Max. With Dies (mm / in)	350 / 13.78
By Die Size (mm)	Die Size + 150

Crimper Size	
L x W x H (in)	53.1 x 26.1 x 74.2
Weight (lbs)	6,717

Part Number	Motor Info
KC4-V250-230/3	15 HP (230 V) 3 PH

Die Series	Die Range (mm)
V119 & V230	6 – 200*

* Large Diameter Dies available to 281 mm

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

DESCRIPTION

Handles industrial hose up to 10" and features an enlarged opening mechanism that allows for assemblies with large couplings or flanges. Its back limit switch option and advanced Siemen's ES4 computerized controller greatly reduce cycle times. Its power pack is separated from the main unit creating a thin profile. Reduction dies included.

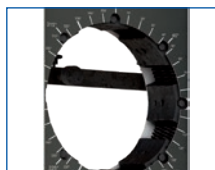
INCLUDED ACCESSORIES



Back Limit Switch



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor

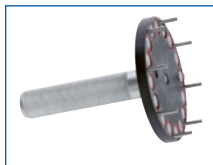


Crimp Calculator

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KC4-V250 SERIES

OPTIONAL ACCESSORIES (PGS. 36 – 42)



Quick Change
Die Tool
KQCCT-H119



Patented Quick
Change Die Tool
KCPQCT-V250



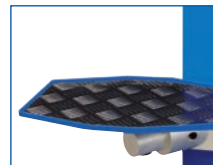
Die Cart (24 pc.)
DIECART-V119



ES4 Upgrades
(pgs. 38 & 39)



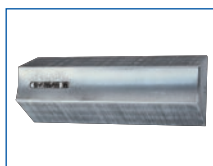
Protection Net with
Activation Switch



Mounted Side Table
TABLE-KC



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

AVAILABLE DIES

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-6	6.0 - 8.0	6	60	15.4
KCDV119-8	8.0 - 10.0	8	60	15.4
KCDV119-10	10.0 - 12.0	10	60	14.4
KCDV119-12	12.0 - 14.0	12	60	14.4
KCDV119-14	14.0 - 16.0	14	60	15.5
KCDV119-16	16.0 - 19.0	16	60	15.5
KCDV119-19	19.0 - 22.0	19	60	16.6
KCDV119-22	22.0 - 25.0	22	60	16.6
KCDV119-25	25.0 - 29.0	25	60	15.5
KCDV119-29	29.0 - 34.0	29	70	15.5
KCDV119-34	34.0 - 38.0	34	70	15.5
KCDV119-38	38.0 - 42.0	38	85	15.5
KCDV119-42	42.0 - 46.0	42	85	15.5
KCDV119-46	46.0 - 50.0	46	120	19.9
KCDV119-50	50.0 - 54.0	50	120	15.5
KCDV119-54	54.0 - 58.0	54	120	16.6
KCDV119-58	58.0 - 63.0	58	120	16.6
KCDV119-63	63.0 - 69.0	63	120	17.7
KCDV119-69	69.0 - 73.0	69	120	15.5

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-73	73.0 - 77.0	73	120	13.3
KCDV119-77	77.0 - 86.0	77	120	11.1
KCDV119-86	86.0 - 90.0	86	120	12.5
KCDV119-96	96.0 - 103.0	96	120	8.9
KCDV230-103	103.0 - 106.0	103	145	79.3
KCDV230-106	106.0 - 111.0	106	145	77.0
KCDV230-111	111.0 - 116.0	111	145	77.0
KCDV230-116	116.0 - 121.0	116	145	77.0
KCDV230-121	121.0 - 126.0	121	145	83.7
KCDV230-126	126.0 - 131.0	126	145	70.5
KCDV230-131	131.0 - 136.0	131	145	70.5
KCDV230-136	136.0 - 146.0	136	145	77.0
KCDV230-146	146.0 - 156.0	146	145	77.0
KCDV230-156	156.0 - 166.0	156	145	74.9
KCDV230-166	166.0 - 178.0	166	145	79.3
KCDV230-178	178.0 - 190.0	178	145	77.0
KCDV230-190	190.0 - 200.0	190	145	77.0
KCDV230-200	200.0 - 220.0	200	145	77.0

Large Diameter Dies available to 281 mm.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V300 SERIES



**Greaseless
Operation**



**Silent
Pump**

Hose Capacity (in)	Crimping Force (ton)
1 – 2 Wire	3
4 SP / 6 SP	3
90° Fittings	3
Industrial	12

725

Opening Diameter	
Max. Without Dies (mm / in)	475 / 18.70
Max. With Dies (mm / in)	345 / 13.58
By Die Size (mm)	Die Size + 155

Crimper Size	
L x W x H (in)	47.2 x 37.4 x 81.9
Weight (lbs)	10,868

Part Number	Motor Info
KC4-V300-230/3	10 HP (230 V) 3 PH

Die Series	Die Range (mm)
V119 & V220	6 ⁺ – 190*

* Large Diameter Dies available up to 350 mm

† Reduction dies sold separately

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

DESCRIPTION

Handles industrial hose up to 12" and features an enlarged opening mechanism that allows for assemblies with large couplings or flanges. Its back limit switch and advanced Siemen's ES4 computerized controller greatly reduce cycle times. Its power pack is separated from the main unit creating a thin profile. Reduction dies sold separately.

INCLUDED ACCESSORIES



Back Limit Switch



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor



Crimp Calculator

Note: Higher tonnage versions available upon request. Contact Kuriyama Customer Service for details.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V300 SERIES

OPTIONAL ACCESSORIES (PGS. 36 – 42)



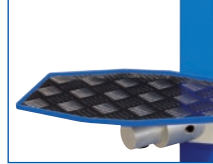
Die Cart (24 pc.)
DIECART-V119



ES4 Upgrades
(pgs. 38 & 39)



Protection Net with
Activation Switch



Mounted Side Table
TABLE-KC



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

AVAILABLE DIES

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-6	6.0 - 8.0	6	60	15.4
KCDV119-8	8.0 - 10.0	8	60	15.4
KCDV119-10	10.0 - 12.0	10	60	14.4
KCDV119-12	12.0 - 14.0	12	60	14.4
KCDV119-14	14.0 - 16.0	14	60	15.5
KCDV119-16	16.0 - 19.0	16	60	15.5
KCDV119-19	19.0 - 22.0	19	60	16.6
KCDV119-22	22.0 - 25.0	22	60	16.6
KCDV119-25	25.0 - 29.0	25	60	15.5
KCDV119-29	29.0 - 34.0	29	70	15.5
KCDV119-34	34.0 - 38.0	34	70	15.5
KCDV119-38	38.0 - 42.0	38	85	15.5
KCDV119-42	42.0 - 46.0	42	85	15.5
KCDV119-46	46.0 - 50.0	46	120	19.9
KCDV119-50	50.0 - 54.0	50	120	15.5
KCDV119-54	54.0 - 58.0	54	120	16.6
KCDV119-58	58.0 - 63.0	58	120	16.6
KCDV119-63	63.0 - 69.0	63	120	17.7
KCDV119-69	69.0 - 73.0	69	120	15.5

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-73	73.0 - 77.0	73	120	13.3
KCDV119-77	77.0 - 86.0	77	120	11.1
KCDV119-86	86.0 - 90.0	86	120	12.5
KCDV119-96	96.0 - 103.0	96	120	8.9
KCDV220-103	103.0 - 106.0	103	145	73.5
KCDV220-106	106.0 - 111.0	106	145	73.5
KCDV220-111	111.0 - 116.0	111	145	70.5
KCDV220-116	116.0 - 121.0	116	145	68.3
KCDV220-121	121.0 - 126.0	121	145	66.0
KCDV220-126	126.0 - 131.0	126	145	63.9
KCDV220-131	131.0 - 136.0	131	145	61.7
KCDV220-136	136.0 - 146.0	136	145	58.4
KCDV220-146	146.0 - 156.0	146	145	52.9
KCDV220-156	156.0 - 166.0	156	145	47.3
KCDV220-166	166.0 - 178.0	166	145	41.8
KCDV220-178	178.0 - 190.0	178	145	33.0
KCDV220-190	190.0 - 220.0	190	145	25.3

Large Diameter Dies available to 350 mm.

REDUCTION DIES

Die Number	Reduction Range (mm)	Weight (lbs/ea)
REDUXV1	10.0 - 96.0	155
REDUXV2	103.0 - 190.0	102

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V450 SERIES



**Greaseless
Operation**

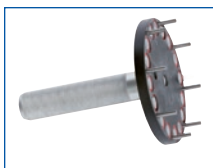


**Silent
Pump**

DESCRIPTION

With the ability to crimp up to 16" hose with large couplings and flanges there's no job too big for the KC4-V450. Its horizontal profile eliminates the need to hoist large, heavy hoses high off the ground. Its back limit switch and advanced Siemen's ES4 computerized controller greatly reduce cycle times. Its power pack is separated from the main unit creating a thin profile.

INCLUDED ACCESSORIES



Quick Change
Die Tool
KCQCT-H119



Back Limit Switch



Electric Foot Pedal
PEDAL-ES



Fitting Orientation
Protractor



Crimp Calculator

OPTIONAL ACCESSORIES (PGS. 36 – 42)



Die Cart (24 pc.)
DIECART-V119



ES4 Upgrades
(pgs. 38 & 39)



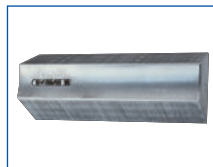
Protection Net with
Activation Switch



Mounted Side Table
TABLE-KC



Custom Made Dies



Marking Dies
(pgs. 21 & 22)

Hose Capacity (in)		Crimping Force (ton)
1 – 2 Wire	3	728
4 SP / 6 SP	3	
90° Fittings	3	
Industrial	16	
Opening Diameter		
Max. Without Dies (mm / in)		560 / 22.05
Max. With Dies (mm / in)		530 / 20.81
By Die Size (mm / in)		Die Size + 180 / 7.08
Crimper Size		
L x W x H (in)		86.1 x 67.7 x 73.0
Weight (lbs)		13,607
Part Number		Motor Info
KC4-V450-230/3		10 HP (230 V) 3 PH
Die Series		Die Range (mm)
V119, V230, V380 & V101		6* – 350†

* Reduction dies sold separately.

† Large Diameter Dies possible upon request.

CONTROL MECHANISM



ES4

- Large, full-color, touch-screen display
- Stores up to 1,000 crimp specifications
- Built-in crimp diameter calculator
- USB port connection
- Optional upgrades such as digital caliper, history data save, barcode reader, webcam and WiFi connection

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KC4-V450 SERIES

AVAILABLE DIES

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV119-6	6.0 - 8.0	6	60	15.4
KCDV119-8	8.0 - 10.0	8	60	15.4
KCDV119-10	10.0 - 12.0	10	60	14.4
KCDV119-12	12.0 - 14.0	12	60	14.4
KCDV119-14	14.0 - 16.0	14	60	15.5
KCDV119-16	16.0 - 19.0	16	60	15.5
KCDV119-19	19.0 - 22.0	19	60	16.6
KCDV119-22	22.0 - 25.0	22	60	16.6
KCDV119-25	25.0 - 29.0	25	60	15.5
KCDV119-29	29.0 - 34.0	29	70	15.5
KCDV119-34	34.0 - 38.0	34	70	15.5
KCDV119-38	38.0 - 42.0	38	85	15.5
KCDV119-42	42.0 - 46.0	42	85	15.5
KCDV119-46	46.0 - 50.0	46	120	19.9
KCDV119-50	50.0 - 54.0	50	120	15.5
KCDV119-54	54.0 - 58.0	54	120	16.6
KCDV119-58	58.0 - 63.0	58	120	16.6
KCDV119-63	63.0 - 69.0	63	120	17.7
KCDV119-69	69.0 - 73.0	69	120	15.5
KCDV119-73	73.0 - 77.0	73	120	13.3
KCDV119-77	77.0 - 86.0	77	120	11.1
KCDV119-86	86.0 - 90.0	86	120	12.5
KCDV119-96	96.0 - 103.0	96	120	8.9
KCDV230-103	103.0 - 106.0	103	145	79.3

Die Number	Crimp Range (mm)	Closed Diameter (mm)	Length (mm)	Weight (lbs/ea)
KCDV230-106	106.0 - 111.0	106	145	77.0
KCDV230-111	111.0 - 116.0	111	145	77.0
KCDV230-116	116.0 - 121.0	116	145	77.0
KCDV230-121	121.0 - 126.0	121	145	83.7
KCDV230-126	126.0 - 131.0	126	145	70.5
KCDV230-131	131.0 - 136.0	131	145	70.5
KCDV230-136	136.0 - 146.0	136	145	77.0
KCDV230-146	146.0 - 156.0	146	145	77.0
KCDV230-156	156.0 - 166.0	156	145	74.9
KCDV230-166	166.0 - 178.0	166	145	79.3
KCDV230-178	178.0 - 190.0	178	145	77.0
KCDV230-190	190.0 - 215.0	190	145	77.0
KCDV380-215	215.0 - 220.0	215	220	291.0
KCDV380-220	220.0 - 265.0	220	220	335.0
KCDV380-265	265.0 - 270.0	265	220	253.0
KCDV380-270	270.0 - 280.0	270	220	211.0
KCDVI01-280	280.0 - 300.0	280	220	211.0
KCDVI01-300	300.0 - 320.0	300	220	211.0
KCDVI01-320	320.0 - 340.0	320	220	211.0
KCDVI01-340	340.0 - 360.0	340	220	211.0
KCDVI01-360	360.0 - 380.0	360	220	211.0
KCDVI01-380	380.0 - 400.0	380	220	211.0

REDUCTION DIES

Die Number	Reduction Range (mm)	Weight (lbs/ea)
REDUXV1	10.0 - 96.0	155
REDUXV3	103.0 - 200.0	125

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

The Power to Personalize

Customize your crimper to suit your needs. The KuriCrimp™ line offers a wide array of options and accessories, including die bases and racks, custom and marking dies and a wide array of ES3 and ES4 upgrade options.

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Die Bases, Quick Change Tools and Foot Pedals



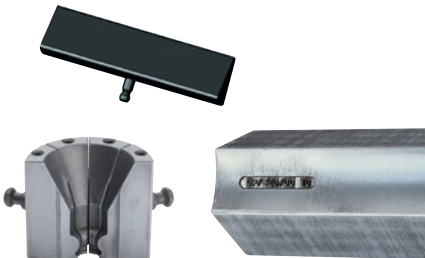
Die Carts and Racks



ES3 and ES4 Software upgrade options



Bases and Cleaning Kits



Custom, Interlock and Marking Dies

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

ES3 Programmable Electronic Controller

INCLUDED ON ALL KC3 SERIES CRIMPERS

ES3 Programmable Logic Controller, with 5.7" wide, full-color, touch-screen display. Delivers the following crimp control options, in an easy to navigate format, improving crimp quality, safety, and reduced crimp cycle times.

Crimp Specification Memory - Stores up to 200 separate hose crimp specifications for immediate recall.

Crimp Diameter Calculator – Automatically calculates crimp diameter based on hose ID, OD, shank OD and ferrule thickness.

Multiple Crimp Cycles - Choose between manual, automatic and semi-automatic crimping modes, with the ability to toggle between modes during crimping.

Adjustable Reopen Diameter – Allows operator to set smaller reopen diameters, eliminating the need for the dies to fully reset in between crimps, reducing crimp cycle time when doing multiple crimps of the same type.



All ES3 models equipped with built-in crimp diameter calculator.

ES3 UPGRADE OPTIONS

USB Port Connection - Allows for easy uploading or downloading of crimp specifications in CSV format.

Multi-step Crimp Option - Executes up to 5 different crimp diameters in succession. Reduces cycle time in instances when crimping multiple hoses when more than one crimp diameter is required.

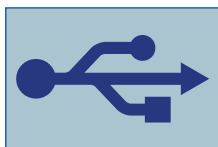
Quality Check Function - Compares actual recorded crimping pressure with pre-determined acceptable pressure range in order to help ensure crimp was performed properly and help catch anomalies.

Pressure Controlled Crimping - Allows for crimping according to force instead of diameter.

KC3 SERIES UPGRADE OPTIONS

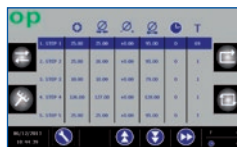
Works with all KC3 Series models

USB PORT



PN# ES3-USB

MULTISTEP CRIMPING



PN# ES3-MULTI

QUALITY CHECK



PN# ES3-QUAL

PRESSURE CONTROLLED CRIMPING



PN# ES3-PRESS

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Siemens ES4 Programmable Electronic Controller



INCLUDED ON ALL KC4 SERIES CRIMPERS

Siemens ES4 Programmable Logic Controller, with 7" wide, full-color, touch-screen display. Provides the following crimp control options and features, in an easy to understand and navigate format, improving crimp quality, safety, and reduced crimp cycle times.

Crimp Specification Memory - Stores up to 1,000 separate hose crimp specifications for immediate recall.

Crimp Diameter Calculator - Automatically calculates crimp diameter based on hose ID, OD, shank OD and ferrule thickness.

Multiple Crimp Cycles - Choose between manual, automatic and semi-automatic crimping modes, with the ability to toggle between modes during crimping.

LAN or WiFi Connection - Allows for easy uploading, downloading or editing of crimp specs via computer, as well as the ability to actively view the ES4 screen on computer or iPhone in order to monitor the crimping process.

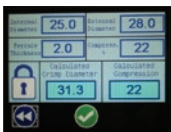
USB Port Connection - Allows for easy uploading or downloading of crimp specifications in CSV format.

Adjustable Reopen Diameter - Allows operator to set a smaller reopen diameter, eliminating the need for the dies to fully reset in between crimps, reducing crimp cycle time when doing multiple crimps of the same type.

Quality Check Function - Compares actual recorded crimping pressure with pre-determined acceptable pressure range in order to help ensure crimp was performed properly and help catch anomalies.

Pressure Controlled Crimping - Allows for crimping according to force instead of diameter.

Service Notifications - Alerts operator to factory service recommendations such as oil changes, filter changes, maintenance inspections, calibrations, etc.



All ES4 models equipped with built-in crimp diameter calculator.



All ES4 models come equipped with built-in factory service suggestion notification alerts.

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ES4 UPGRADE OPTIONS

Self-correcting Digital Caliper – Electronic caliper directly connected to the crimper eliminates the possibility of user error. Requires operator to properly zero out caliper before checking hose and automatically calculates any additional crimp that may be required due to “spring-back.”

Crimp History Data Save – Automatically records crimp history, including operator name, batch number, crimp diameter, crimp corrections and crimp dies used for export onto CSV file.

Multistep Crimp Option – Executes up to 5 different crimp diameters in succession. Reduces cycle time in instances when crimping multiple hoses when more than one crimp diameter is required.

Crimp Spec Barcode Reader – Links your most commonly used crimp specifications to a printable barcode for instant call-up. Bar code scanner included.

Webcam – Camera allows operator to view crimping process through 8" monitor. Includes additional LED lighting for better visibility.



Digital Caliper automatically generates crimp correction for safety.



Barcode Reader instantly calls up saved crimp diameter

KC4 SERIES UPGRADE OPTIONS

Works with all KC4 Series models

BARCODE READER



PN# ES4-BCODE-V59

CRIMP HISTORY DATA SAVE



PN# ES4-DATASAVE

MULTISTEP CRIMPING



PN# ES4-MULTI

WEBCAM



PN# ES4-WEBCAM

DIGITAL CALIPER



Part Number	Works with Crimpers
ES4-DIGCAL-V59	KC4-V59 & KC4-V150
ES4-DIGCAL-V159	KC4-V159 & KC4-V160
ES4-DIGCAL-V250	KC4-V250, KC4-V300 & KC4-V450

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Easy Set™ Patented Quick Change Tool

The innovative, Easy Set™ Patented Quick Change Tool provides a quicker, easier and safer way to change out crimp dies. Traditional quick change tools must be manually centered and carefully held in place during the die changing process. Even a slight misalignment could cause the dies to be slightly out of place, potentially causing costly damage to the dies or the machine itself. However, the Easy Set™ Quick Change Tool's patented centering guides hold the tool in the correct position throughout the die changing process with minimal user effort, eliminating the risk of user error.



Master dies are guided through built-in channels on the tool on mid-sized crimpers.



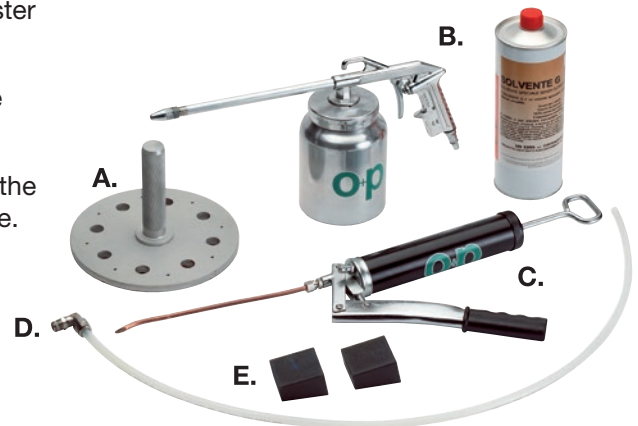
Tool held in place by built-in locking posts inserted into the crimper on smaller and larger sized crimpers.

Cleaning And Lubrication Kit

Available for the KC1-H130, KC3-H130, KC1-H135, KC3-H135, KC3-H144 & KC3-H170.

Proper crimper maintenance will extend the life of your machine. This involves routinely changing out the used oil, as well as cleaning and lubricating beneath the master dies. This process can be quite messy and time consuming, however the Cleaning and Lubrication Kit includes all the tools necessary for a quick and easy process that can be completed in under 30 minutes.

- A. Master Die Extending Tool** – Holds the master dies in a position slightly pulled away from the cylinder, allowing access to the area beneath for cleaning and lubricating.
- B. Spray Gun and Solvent** – Allows for easy spray cleaning beneath the master dies.
- C. Lubrication Gun** – Allows for easy lubricating beneath the master dies.
- D. Oil Drain Hose** – Connects to an opening on the bottom of the hydraulic cylinder, providing a drain line for used oil.
- E. Lifting Wedges** – Props the machine up from behind, draining the used oil through the front of the machine through the drain hose.



Part Number	Works with Crimpers
CALKIT-H130	KC1-H130 & KC3-H130
CALKIT-H135	KC1-H135 & KC3-H135
CALKIT-H144/170	KC3-H144 & KC3-H170

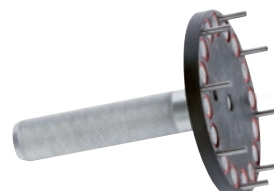
Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Quick Change Tools (QCT)



Die Change Tool

Part Number	Works with Crimpers
KCDCT-H39	KC1-H47E, KC1-H47PM & KC1-H47PI



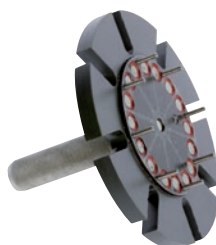
Quick Change Tool

Part Number	Works with Crimpers
KCQCT-H69	KC1-H83, KC3-H88 & KC4-V59
KCQCT-H119	KC1-H130, KC3-H130, KC1-H135, KC3-H135, KC3-H170, KC3-H144, KC4-V150, KC4-V159, KC4-V160, KC4-V250, KC4-V300 & KC4-V450



Patented Quick Change Tool

Part Number	Works with Crimpers
KCPQCT-H69	KC1-H83 & KC3-H88



Patented Quick Change Tool

Part Number	Works with Crimpers
KCPQCT-H130	KC1-H130, KC3-H130
KCPQCT-H135	KC1-H135, KC3-H135 & KC3-H144
KCPQCT-H170	KC3-H170



Patented Quick Change Tool

Part Number	Works with Crimpers
KCPQCT-V59	KC4-V59
KCPQCT-V159	KC4-V150, KC4-V159
KCPQCT-V160	KC4-V160
KCPQCT-V250	KC4-V250

NOTE: Patented Quick Change Tool Replacement Pins available (PN# KKP QCT-PIN)

Foot Pedals



Electric Foot Pedal

Part Number	Works with Crimpers
PEDAL-KC1	All KC1 Series models*

*Standard Volume Crimpers only



Electric Foot Pedal

Part Number	Works with Crimpers
PEDAL-ES	All KC3 & KC4 Series models

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Die Racks


Die Rack

Part Number	Works with Crimpers
DIERACK-H69	KC1-H83 KC3-H88 KC4-V59

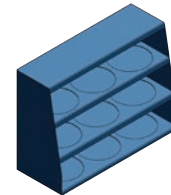

Die Rack

Part Number	Works with Crimpers
DIERACK-H119	KC1-H130 KC3-H130 KC1-H135 KC3-H135 KC3-H144 KC3-H170


Die Cart

Part Number	Works with Crimpers*
DIECART-V119	KC4-V150 KC4-V159 KC4-V160 KC4-V250 KC4-V300 KC4-V450

**Also work with H119 series crimper dies.*


Die Rack

Part Number	Works with Crimpers
DIERACK-J67	KC2-J67

Die Bases


Die Base (12 PC.)

Part Number	Works with Crimpers
DIEBASE-H69	KC1-H83 & KC3-H88


Die Base (18 PC.)

Part Number	Works with Crimpers
DIEBASE-H130	KC1-H130
DIEBASE-H119	KC3-H130, KC1-H135, KC3-H135, KC3-H144 & KC3-H170

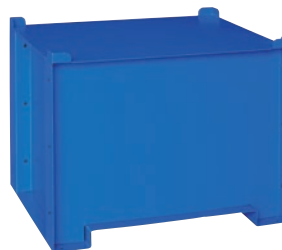

Die Base

Part Number	Works with Crimpers
DIEBASE-J67	KC2-J67

Standard Bases


Base

Part Number	Works with Crimpers
KC1-H47E-BASE	KC1-H47E


Base

Part Number	Works with Crimpers
BASE-H69	KC1-H83 & KC3-H88
BASE-H130	KC1-H130
BASE-H119	KC3-H130, KC1-H135, KC3-H135, KC3-H144 & KC3-H170

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Thread ID Kit

PN# KC-IDKIT

- Includes caliper, ruler, angle gauge, thread gauges and case
- Requires LR44H battery (not included)



Thread Gauge Set

PN# KC-IDP-BSPJICMET

- BSP, JIC, and Metric gauges
- Includes male and female threads
- Easily identify 26 common sizes
- Display stand



Thread Gauge Set

PN# KC-IDP-ORFSDIN

- ORFS and DIN gauges
- Includes male and female threads
- Easily identify 28 common sizes
- Display stand



Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

The following chart lists the corresponding die based on hose type and size in order to assist with your die selection process.

HYDRAULIC HOSE ASSEMBLIES USING ONE-PIECE FITTINGS

Hose Type	Hose Size (in)	3/16	1/4	5/16	13/32	3/8	1/2	5/8	3/4
	Fitting Type	Die Size (mm)							
TR1MT	B or D	14	16	19		19	22	25	29
TR2MT/ST	B or D		16	19		22	25	25	29
TF2MT/ST/LT	B		16	19		19	25	25	29
AT3KMT/ST	B		16			19	22	25	29
ABT3K	D								
E3K	S								
ABT4K	D or F					22	25	29	34
E4K/ST	S					22	22	29	29
ABT5K/ST	F								34
E5K/ST	S							29	31
ABT6K/ST	F								34
E6K/ST	S		19			22	22	29	34
TAJ3/TAJ5	B		16	16/19		19	22		

HYDRAULIC HOSE ASSEMBLIES USING TWO-PIECE FITTINGS

Hose Type	Hose Size (in)	3/16	1/4	5/16	13/32	3/8	1/2	5/8	3/4
	Fitting Type	Die Size (mm)							
TR1MT	A (AF1)	14	16	16		19	22	25	29
TR2MT/ST	A (AF2)		16	19		22	25	25	29
TF2MT/ST/LT	A (AF1)		16	16		19	25	25	29
AT3KMT/ST	A (AF1)		16			19	22	25	29
ABT3K	A (AF4)								
ABT4K	A (AF4)					22	25	29	34
E4K/ST	A (AF4)					23	27	31	34
TR5/TT	A (AFX)	16	16	19	22		25	29	
TR14TB	A (AFT)	10	12	14		16	19	22	25
PF267/NC	A (PFR)	12	14	14		16	22		29
PF354/NC	A (PFR)	12	14	14		16	22		29
PF528/NC	A (AFX)		16			20	24		31
PF628/NC	A (PFR)		12			16	22		29
T634AA	A (AFX)								31/34
TAJ3/TAJ5	A (AF1)		16	16/19		19	22		

NOTE:

- Chart includes the most common Alfagomma and Piranhaflex hoses and fittings. For die suggestions for hoses not listed please contact your local sales representative or Kuriyama Customer Service for assistance.
- Chart applies only to O+P crimpers, does not apply to KD165 Series crimper which uses different die sizes.

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HYDRAULIC HOSE ASSEMBLIES USING ONE-PIECE FITTINGS

Hose Type	Hose Size (in)	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 13/16	2
	Fitting Type	Die Size (mm)							
TR1MT	B or D		38		46		54		63/69
TR2MT/ST	B or D		38		46/50		54/58		69
TF2MT/ST/LT	B or D		38		46		54		69
AT3KMT/ST	B		38						
ABT3K	D				50		58		73
E3K	B or S				46		54		69
ABT4K	D or F		42		50				73
E4K/ST	S		38		46				
ABT5K/ST	F		42		54		60		77
E5K/ST	S		38		46		58		69
ABT6K/ST	F		42		54				
E6K/ST	S		38		50		58		
TAJ3/TAJ5	B								

HYDRAULIC HOSE ASSEMBLIES USING TWO-PIECE FITTINGS

Hose Type	Hose Size (in)	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 13/16	2
	Fitting Type	Die Size (mm)							
TR1MT	A (AF1)		38		46		54		63
TR2MT/ST	A (AF2)		38		46		54		69
TF2MT/ST/LT	A (AF1)		38		46		54		63
AT3KMT/ST	A (AF1)		38						
ABT3K	A (AF4)				50		58		
ABT4K	A (AF4)		42		50				
E4K/ST	A (AF4)		42						
TR5/TT	A (AFX)	34		42		46		60	
TR14TB	A (AFT)		34						
PF267/NC	A (PFR)								
PF354/NC	A (PFR)								
PF528/NC	A (AFX)								
PF628/NC	A (PFR)								
T634AA	A (AFX)		38		42/46		50		63
TAJ3/TAJ5	A (AF1)								

NOTE:

- Chart includes the most common Alfagomma and Piranhaflex hoses and fittings. For die suggestions for hoses not listed please contact your local sales representative or Kuriyama Customer Service for assistance.
- Chart applies only to O+P crimpers, does not apply to KD165 Series crimper which uses different die sizes.

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The following chart lists the corresponding die based on hose type and size in order to assist with your die selection process.

INDUSTRIAL HOSE ASSEMBLIES*

Hose Type	Hose Size (in)	1	1 1/4	1 1/2	2	2 1/2	3
	Fitting Type	Die Size (mm)					
Industrial (Tigerflex)	Aluminum C&E's	34	42	46	63	77	96
Industrial (Alfagomma)	Aluminum C&E's	34	42	46	58	73	90

*Die size may vary based on hose type.

NOTE:

- Chart includes the most common Alfagomma and Piranhaflex hoses and fittings. For die suggestios for hoses not listed please contact your local sales representative or Kuriyama Customer Service for assistance.
- Chart applies only to O+P crimpers, does not apply to KD165 Series crimper which uses different die sizes.

INDUSTRIAL HOSE ASSEMBLIES*

Hose Type	Hose Size	4	5	6	8	10	12
	Fitting Type	Die Size (mm)					
Industrial (Tigerflex)	Aluminum C&E's	121	146	166	235		
Industrial (Alfagomma)	Aluminum C&E's	111	136	166	220		

*Die size may vary based on hose type.

NOTE:

- Chart includes the most common Alfagomma and Piranhaflex hoses and fittings. For die suggestions for hoses not listed please contact your local sales representative or Kuriyama Customer Service for assistance.
- Chart applies only to O+P crimpers, does not apply to KD165 Series crimper which uses different die sizes.

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Determining whether a particular crimper has the capacity to handle the user's required range of hoses requires understanding that the primary limiting factor for crimping hydraulic hose is crimper tonnage, whereas industrial hose is limited by the diameter of the crimper opening.*

A crimper's capacity can be understood in multiple ways: Hose Capacity, Maximum Opening with Dies, Opening by Die Size and Maximum Opening without Dies.

Hose Capacity – This value represents the largest hose that can be crimped depending on hose type, whether 1-2 wire, 4 spiral, 6 spiral or industrial. With hydraulic hose assemblies the Hose Capacity specification is sufficient to determine crimper suitability, as it generally is for industrial hose assemblies.

However, with industrial hose assemblies the crimper opening diameter must also be taken into consideration. The crimper may not be able to handle the stated hose size when larger than normal industrial couplings, such as ball and socket, bent and flanged couplings, are used. Additionally, the crimper may exceed the stated hose size when smaller fitting such as nipples and sanitary fittings are used.

Maximum Opening with Dies – This value represents the diameter of the crimper opening in its fully open position, with its largest die set inserted. This value is important as it provides the maximum opening dimension available when performing multiples of the same crimp (meaning the same crimp die is being used repeatedly).

Therefore, to determine whether a crimper can make a particular industrial hose assembly, you must first determine the largest outside diameter of the couplings being used, which for KOA Couplings can be found on pages 47-49. From that information, it can be determined if the crimper opening is large enough for the coupling to pass through.

Opening by Die Size - This value represents the diameter of the crimper opening relative to the particular die set being used. It's expressed as the sum of the die set size being used plus a particular value. Naturally, there's a smaller opening when doing smaller diameter crimps and vice versa.

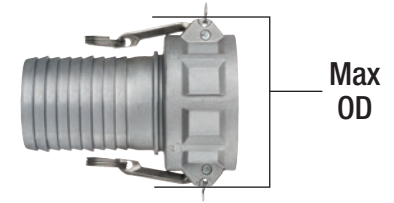
For example, the Opening by Die Size for the KC3-H170 is "die size + 61 mm", therefore if I'm crimping a 2" Tigerflex hose using a 63 mm die, my opening is $63\text{ mm} + 61\text{ mm} = 124\text{ mm}$, I can now compare that value to my fitting dimension; if I'm using a 2" female cam lock I can see from page 45 that with its maximum diameter of 97.2 mm it will easily pass through the 124 mm opening with the 63 mm dies in place.

Maximum Opening without Dies – This value represents the diameter of the crimper opening in its fully opened position without any dies inserted, and is the absolute largest possible diameter of the crimper opening. In instances when the operator needs to pass a larger coupling through the crimper opening, it can be done so before the crimp dies are added. This method allows for the use of larger couplings, but is not efficient for performing multiples of the same crimp, as the crimping dies must be individually added and removed each time.

** Crimper tonnage can also be a limiting factor on heavier duty industrial hose and couplings. Contact Kuriyama Customer Service if any doubt exists.*

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These charts list the maximum outside dimension of various KOA Couplings in order to assist with determining whether the coupling will fit through the crimper opening.



Camlock, Female

AL-C, BR-C, SS-C, SS304-C, PPC & GRC SERIES*

Size (in)	OD of Largest Dim. (mm)
1/2	38.5
3/4	52.6
1	62.2
1 1/4	80.2
1 1/2	87.8
2	97.2
2 1/2	109.9
3	137.1
4	165.0
5	191.1
6	240.0
8	289.0
10	327.0

Note: Locking handles may impact crimping capacity.

Camlock, Male

AL-E, BR-E, SS-E, SS304-E, PPE & GRE SERIES*

Size (in)	OD of Largest Dim. (mm)
1/2	30.2
3/4	34.0
1	40.0
1 1/4	50.0
1 1/2	60.0
2	68.0
2 1/2	82.0
3	100.0
4	130.0
5	154.0
6	183.0
8	231.0
10	263.0

Ball & Socket, Female (Type B)

SLB-FH SERIES*

Size (in)	OD of Largest Dim. (mm)
2	83.0
3	117.0
4	166.0
6	159.0
8	267.0
10	346.0
12	401.0

Ball & Socket, Male (Type B)[†]

SLB-MH SERIES WITH SLB-LR LEVER HANDLE*

Size (in)	OD of Largest Dim. (mm)
2	158.0
3	190.0
4	295.0
6	320.0
8	380.0
10	485.0
12	528.0

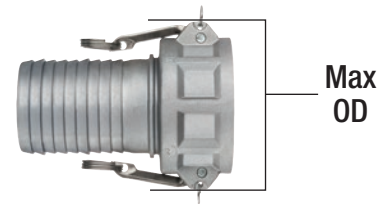
[†]Measured over locking ring

★ FOR ADDITIONAL INFORMATION

For more information on these products refer to the Kuriyama Couplings Catalog at koa.link/KOA-Couplings-Catalog or kuriyama.com

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These charts list the maximum outside dimension of KOA Couplings in order to assist with determining whether the coupling will fit through the crimper opening.



Ball & Socket, Female (Type A)

SLA-FH SERIES*

Size (in)	OD of Largest Dim. (mm)
10	492.0
12	600.0

Ball & Socket, Male (Type A)

SLA-MH SERIES*

Size (in)	OD of Largest Dim. (mm)
10	358.0
12	446.0

Sanitary, Tri-Clamp

TCS-SS SERIES*

Size (in)	OD of Largest Dim. (mm)
1	50.5
1 1/2	50.5
2	64.0
2 1/2	77.5
3	91.0
4	119.0

Sanitary, I-Line

FILS-SS & MILS-SS SERIES*

Size (in)	OD of Largest Dim. (mm)
1 1/2	50.8
2	67.0
2 1/2	84.0
3	98.5
4	123.9

Sanitary Bevel Seat, Female[†]

FBS-SS SERIES WITH HNS HEX NUT*

Size (in)	OD of Largest Dim. (mm)
1	46.0
1 1/2	61.1
2	76.2
2 1/2	91.3
3	106.4
4	137.6

Sanitary Bevel Seat, Male

MBS-SS SERIES*

Size (in)	OD of Largest Dim. (mm)
1	37.1
1 1/2	50.7
2	64.2
2 1/2	77.7
3	91.2
4	119.3

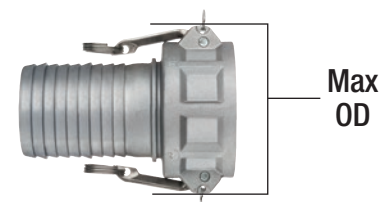
[†]Measured over nut OD

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Nipples

STN, SPN, HEX-STN, HEX, SPN, GEN, SSN304,
SSN, PPN AND GRN SERIES*

Size (in)	OD of Largest Dim. (mm)
1/2	21.3
3/4	26.7
1	33.4
1 1/4	42.2
1 1/2	48.3
2	60.3
2 1/2	73.1
3	101.6
4	114.3
6	168.3
8	219.1
10	273.0
12	323.8

Ground Joints, Female[†]

GJ & SHGJ-CR SERIES WITH WINGNUT*

Size (in)	OD of Largest Dim. (mm)
1/2	59.5
3/4	89.0
1	111.8
1 1/4	111.8
1 1/2	145.5
2	145.5
2 1/2	180.0
3	204.5
4	242.0

[†]Measured over wingnut OD

Pin Lugs, Female[†]

AB, BB, ABF, FHNST AND FHNST-F SERIES*

Size (in)	OD of Largest Dim. (mm)
1 1/2	81.0
2	90.6
2 1/2	114.5
3	123.0
4	157.0
6	216.8

[†]Measured over wingnut OD

Concrete Couplings

CHC-CA SERIES*

Size (in)	OD of Largest Dim. (mm)
2	88.9
2 1/2	108.0
3	127.0
4	159.0
5	193.8

Ground Joints, Male

GJM & D-XXXX-MNPT SERIES*

Size (in)	OD of Largest Dim. (mm)
1/2	21.8
3/4	27.7
1	34.2
1 1/4	41.6
1 1/2	45.8
2	58.9
2 1/2	73.0
3	87.9
4	113.3

★ FOR ADDITIONAL INFORMATION

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COMPARISON

BENCH MOUNTED



KCS-TT30PI KCS-TF1D/E-BAT KCS-TF1/E KCS-TF2/E KCS-TF3/E KCS-TF4/E

Max. Capacity 1-2 Wire (in)	NA	1 1/4	1 1/4	2	2	3
Max. Capacity 4 Spiral (in)	NA	1 1/4	1 1/4	2	2	3
Max. Capacity 6 Spiral (in)	NA	1	1	1 1/2	2	2
Max. Capacity Industrial (in)	5/8	1 1/2	2	2	2 1/2	4
Max. Opening (mm / in)	30 / 1.18	55 / 2.16	60 / 2.36	75 / 2.95	85 / 3.35	130 / 5.12
Blade Diameter (mm)	NA	165	250	250	350	400
Power	87 (PSI)	18V	1.5 HP (110 V)	4.0 HP (230 V)	4.0 HP (230 V)	5.5 HP (230 V)
Page Number	51	52	53	54	55	56

STAND ALONE



KCS-TF2 KCS-TF3 KCS-TF3/PI KCS-TF4 KCS-TF5

Max. Capacity 1-2 Wire (in)	2	3	3	3	3
Max. Capacity 4 Spiral (in)	2	2 1/2	2 1/2	2 1/2	2 1/2
Max. Capacity 6 Spiral (in)	1 1/2	2	2	2	2 1/2
Max. Capacity Industrial (in)	2	2 1/2	2 1/2	3	5*
Max. Opening (mm / in)	75 / 2.95	100 / 3.94	100 / 3.94	100 / 3.94	160 / 6.30
Blade Diameter (mm)	250	400	400	400	520
Power	4 HP (110 V)	7.5 HP (230 V)	7.5 HP (230 V)	7.5 HP (230 V)	10.0 HP (230 V)
Powered Foot Pedal	No	No	Yes	Yes	Yes
Low Smoke Emission	No	No	No	Yes	Yes
Page Number	57	58	59	60	61

* Dependent on hose type

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KCS-TT30PI Series



NEW

Hose Capacity (in)		Pneumatic Input (PSI)
1 – 2 Wire	NA	87
4 SP / 6 SP	NA	
Industrial†	5/8	
Max opening (mm)	30	

† Up to 3/4" depending on hose type

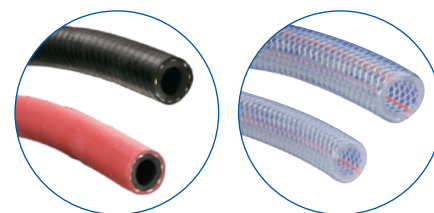
Cutter Size	
L x W x H (in)	17.3 x 18.3 x 16.9
Weight (lbs)	66

Part Number	Pump Info
KCS-TT30PI	Air

DESCRIPTION

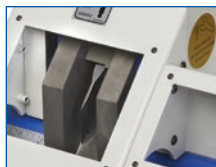
Pneumatically powered guillotine hose cutter for fabric reinforced hose and plastic tubing up to 1.1" OD.

Delivers a clean, straight cut, while reducing cutting time up to five times versus using a simple hand cutter. Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.



*Perfect for small ID hose and tubing.
Reduces production times and delivers
a clean consistent cut.*

INCLUDED ACCESSORIES

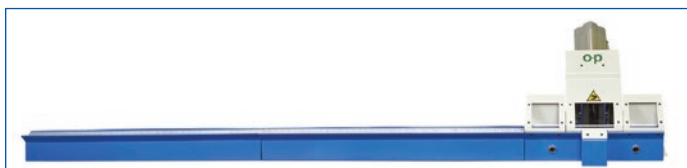


Enclosed Blade
Chamber



Blade
BLADE-TT30PI

OPTIONAL ACCESSORIES



Measuring Hose Tray
TRAY-TT30PI



Electric Foot Pedal
PEDAL-TT30PI

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KCS-TF1D/E-BAT Series



DESCRIPTION

Small and portable while still handling most sizes of hydraulic hose; including 1 1/4" two wire, four spiral, and 1" six spiral. With it's small size, battery powered operation and weighing a mere 15 lbs., it makes the perfect saw for on-site visits or for when shop space is limited.

Its recessed blade is protected within housing for operator safety. The unit includes one 18V rechargeable battery, battery charger and one 165 mm diamond blade.

Suggested for use with the KC1-H47E crimper available with a battery, hand or air powered pump; as well as our 12 volt KC1-H83-12V crimper.

Hose Capacity (in)	
1 – 2 Wire	1 1/4
4 SP / 6 SP	1 1/4 / 1
Industrial	1 1/2
Max opening (mm)	55
Cutter Size	
L x W x H (in)	12.8 x 13.8 x 15.75
Weight (lbs)	15.4
Blade Diameter (mm)	165
Part Number	Battery Info
KCS-TF1D/E-BAT	18V 5Ah

INCLUDED ACCESSORIES



Battery (1 included)
BATT-KCS-TF1D/E



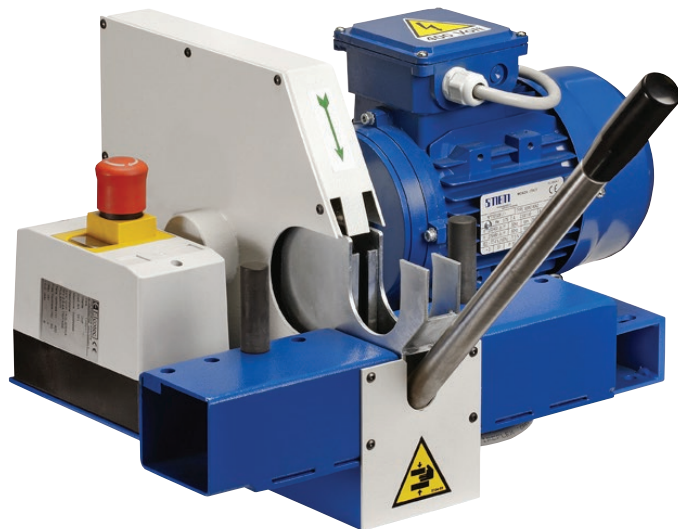
Diamond Blade
BLADE-DIA165



Recessed Blade

KCS-TF1/E Series

NOW
AVAILABLE IN
12V



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	1 1/4	1.5
4 SP / 6 SP	1 1/4 / 1	
90° Fittings	2	
Max opening (mm)	58	

Cutter Size	
L x W x H (in)	20.7 x 26.0 x 17.5
Weight (lbs)	66.1
Blade Diameter (mm)	250

Part Number	Motor Info
KCS-TF1/E-110/1	1.5 HP (110 V) 1 PH
KCS-TF1/E-12V	1.5 HP (12 V)

DESCRIPTION

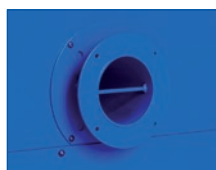
A compact, bench mounted unit ideal for cutting 1 1/4" four spiral and 1" six spiral hydraulic hose.

Suggested for pairing with KC1-H83 and KC3-H88 series crimpers.

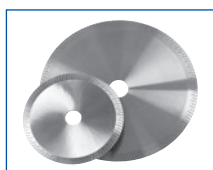
INCLUDED ACCESSORIES



Recessed Blade



Ventilation Port*

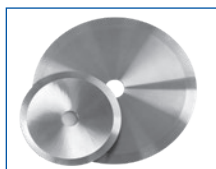


Serrated Blade†
BLADE-SER250

* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

OPTIONAL ACCESSORIES



Smooth Blade
BLADE-SMT250



Diamond Blade
BLADE-DIA250

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KCS-TF2/E Series



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	2	4
4 SP / 6 SP	2 / 1 1/2	
90° Fittings	2	
Max opening (mm)	73	
Cutter Size		
L x W x H (in)		25.6 x 27.6 x 16.5
Weight (lbs)		97
Blade Diameter (mm)		250
Part Number		Motor Info
KCS-TF2/E-230/1		4 HP (230 V) 1 PH
KCS-TF2/E-230/3		4 HP (230 V) 3 PH

DESCRIPTION

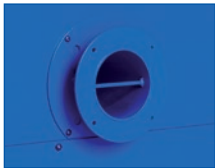
A compact, bench mounted unit ideal for cutting 2" four spiral and 1 1/2" six spiral hydraulic hose.

Ideal for use with KC1-H130 series crimpers.

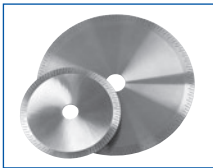
INCLUDED ACCESSORIES



Recessed Blade



Ventilation Port*

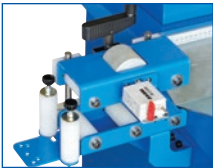


Serrated Blade†
BLADE-SER250

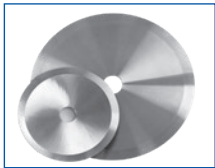
* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

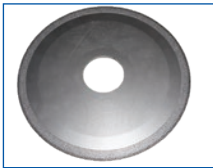
OPTIONAL ACCESSORIES



Centering & Measuring
Device
CENTER-KCS



Smooth Blade
BLADE-SMT250



Diamond Blade
BLADE-DIA250

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KCS-TF3/E Series



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	2	4
4 SP / 6 SP	2 / 2	
90° Fittings	2 1/2	
Max opening (mm)	85	

Cutter Size	
L x W x H (in)	30.0 x 20.9 x 20.1
Weight (lbs)	130
Blade Diameter (mm)	350

Part Number	Motor Info
KCS-TF3/E-230/1	4 HP (230 V) 1 PH
KCS-TF3/E-230/3	4 HP (230 V) 3 PH

DESCRIPTION

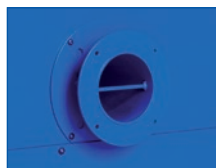
A stand alone unit ideal for cutting 2" four spiral and six spiral hydraulic hose. The blade is recessed inside the base for additional safety.

Suggested for use with KC1-H135 series crimpers.

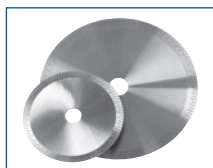
INCLUDED ACCESSORIES



Recessed Blade



Ventilation Port*



Serrated Blade†
BLADE-SER350

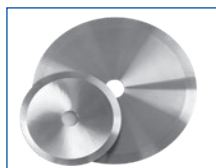
* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

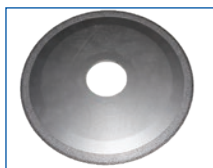
OPTIONAL ACCESSORIES



Centering & Measuring
Device
CENTER-KCS



Smooth Blade
BLADE-SMT350



Diamond Blade
BLADE-DIA350

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KCS-TF4/E-230/1



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	3	5.5
4 SP / 6 SP	3 / 2	
Industrial	4	
Max opening (mm)	130	
Cutter Size		
L x W x H (in)	45.3 x 26.0 x 26.3	
Weight (lbs)	187.4	
Blade Diameter (mm)	400	
Part Number		Motor Info
KCS-TF4/E-230/1		5.5 HP (230 V) 1 PH

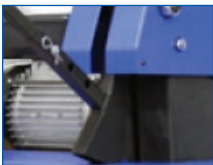
DESCRIPTION

Ideal for industrial hoses, cutting up to 4" ID. Can be placed on the ground, eliminating the need to lift heavy hoses.

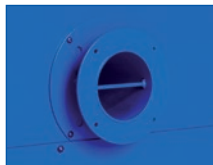
Diamond blade included in order to cut through heavy walled hoses or ones with steel helical reinforcement.

Ideal for use with KC3-H144 or KC3-H170 series crimpers.

INCLUDED ACCESSORIES



Recessed Blade



Ventilation Port*



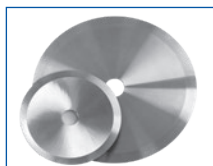
Diamond Blade
BLADE-DIA400

* Separate suction device required for fume extraction

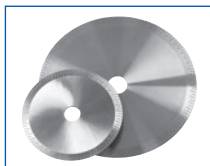
OPTIONAL ACCESSORIES



Centering & Measuring
Device
CENTER-KCS



Smooth Blade
BLADE-SMT400



Serrated Blade†
BLADE-SER400

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KCS-TF2-230/3



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	2	4
4 SP / 6 SP	2 / 1 1/2	
Industrial	2	
Max opening (mm)	75	
Cutter Size		
L x W x H (in)		33.1 x 21.7 x 45.3
Weight (lbs)		290
Blade Diameter (mm)		250
Part Number		Motor Info
KCS-TF2-230/3		4 HP (230 V) 3 PH

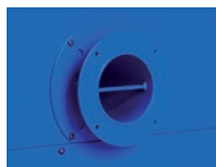
DESCRIPTION

A stand alone unit ideal for cutting 2" four spiral and 1 1/2" six spiral hydraulic hose. The blade is recessed inside the base for additional safety. Suggested for use with KC3-H130 series crimpers.

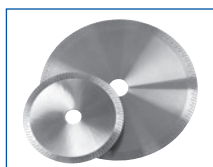
INCLUDED ACCESSORIES



Enclosed Blade Chamber



Ventilation Port*



Serrated Blade†
BLADE-SER250

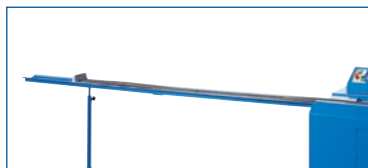
* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

OPTIONAL ACCESSORIES



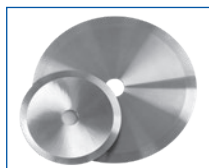
Centering & Measuring Device
CENTER-KCS



Measuring Hose Tray
TRAY-KCS



Stroke Counter
STROKE-KCS



Smooth Blade
BLADE-SMT250



Diamond Blade
BLADE-DIA250

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KCS-TF3-230/3



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	3	7.5
4 SP / 6 SP	2 1/2 / 2	
Industrial	2 1/2	
Max opening (mm)	100	
Cutter Size		
L x W x H (in)		39.4 x 28.0 x 45.3
Weight (lbs)		419
Blade Diameter (mm)		400
Part Number		Motor Info
KCS-TF3-230/3		7.5 HP (230 V) 3 PH

DESCRIPTION

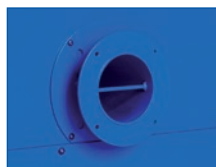
A stand alone unit ideal for cutting 3" two wire hose and 2" six spiral hydraulic hose. The blade is recessed inside the base for additional safety.

Suggested for use with KC3-H135 series crimpers.

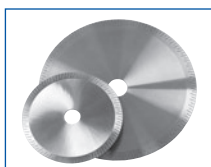
INCLUDED ACCESSORIES



Enclosed Blade Chamber



Ventilation Port*



Serrated Blade†
BLADE-SER400

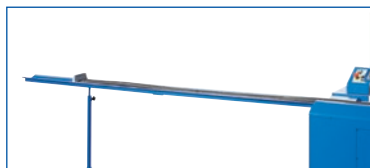
* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

OPTIONAL ACCESSORIES



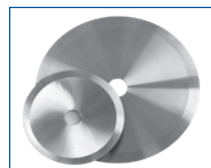
Centering & Measuring Device
CENTER-KCS



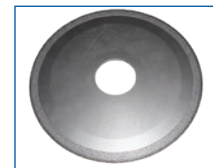
Measuring Hose Tray
TRAY-KCS



Stroke Counter
STROKE-KCS



Smooth Blade
BLADE-SMT400



Diamond Blade
BLADE-DIA400

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KCS-TF3/PI-230/3



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	3	7.5
4 SP / 6 SP	2 1/2 / 2	
Industrial	2 1/2	
Max opening (mm)	100	
Cutter Size		
L x W x H (in)		40.4 x 27.6 x 45.3
Weight (lbs)		530
Blade Diameter (mm)		400
Part Number		Motor Info
KCS-TF3/PI-230/3		7.5 HP (230 V) 3 PH

DESCRIPTION

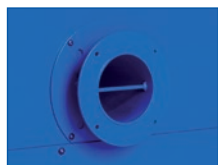
A stand alone unit ideal for cutting 2" six spiral hydraulic hose. The blade is recessed inside the base for additional safety. Uses 100 PSI pneumatic input control.

Suggested for use with KC3-H135 series crimpers.

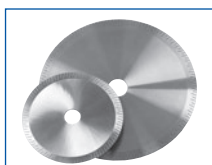
INCLUDED ACCESSORIES



Enclosed Blade Chamber



Ventilation Port*



Serrated Blade†
BLADE-SER400

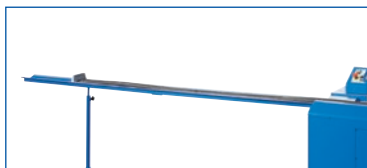
* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

OPTIONAL ACCESSORIES



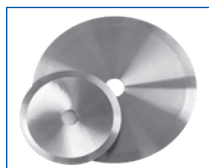
Centering & Measuring Device
CENTER-KCS



Measuring Hose Tray
TRAY-KCS



Stroke Counter
STROKE-KCS



Smooth Blade
BLADE-SMT400



Diamond Blade
BLADE-DIA400

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KCS-TF4-230/3



Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	3	7.5
4 SP / 6 SP	2 1/2 / 2	
Industrial	3	
Max opening (mm)	100	
Cutter Size		
L x W x H (in)		44.0 x 23.8 x 57.2
Weight (lbs)		717
Blade Diameter (mm)		400
Part Number		Motor Info
KCS-TF4-230/3		7.5 HP (230 V) 3 PH

DESCRIPTION

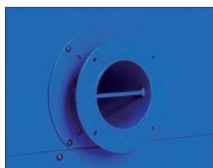
Cuts up to 2" six spiral hoses. Blade chamber is completely recessed in the body of the unit allowing for more efficient ventilation. Uses 100 PSI pneumatic input.

Suggested for use with KC4-V150 and KC4-V159 series crimpers.

INCLUDED ACCESSORIES



Recessed Blade Chamber



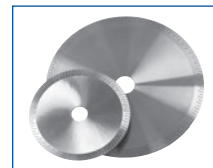
Ventilation Port*



Pneumatic Foot Pedal

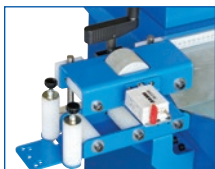


Stroke Counter

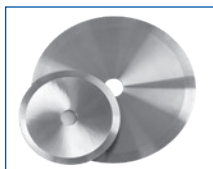


Serrated Blade†
BLADE-SER400

OPTIONAL ACCESSORIES



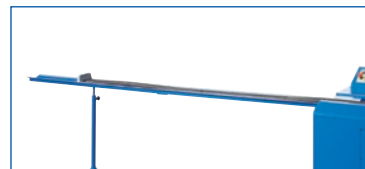
Centering & Measuring Device
CENTER-KCS



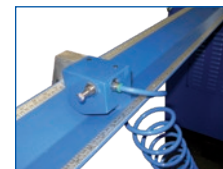
Smooth Blade
BLADE-SMT400



Diamond Blade
BLADE-DIA400



Measuring Hose Tray
TRAY-KCS



Blowing Kit
BLKIT-KCS45



Fume Extractor
FUME-KCS4

* Separate suction device required for fume extraction

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

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KCS-TF5ECO-230/3



**Low
Smoke**

Hose Capacity (in)		Motor Strength (HP)
1 – 2 Wire	3	10
4 SP / 6 SP	2 1/2	
Industrial	5*	
Max opening (mm)	160	

**Dependent on hose type*

Cutter Size	
L x W x H (in)	41.9 x 40.2 x 30.3
Weight (lbs)	783
Blade Diameter (mm)	520
Part Number	Motor Info
KCS-TF5ECO-230/3	10 HP (230 V) 3 PH

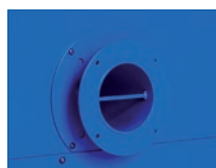
DESCRIPTION

This stand alone unit is great for cutting a variety of either industrial or hydraulic hose. Ideal for cutting 2 1/2" six spiral hydraulic hose and 5" industrial hose. Suggested for use with KC4-V160 series crimpers.

INCLUDED ACCESSORIES



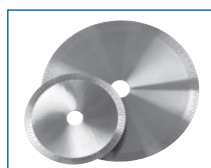
Recessed Blade



Ventilation Port*

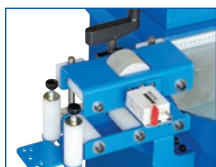


Electric Foot Pedal

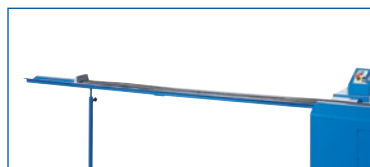


Serrated Blade†
BLADE-SER520

OPTIONAL ACCESSORIES



Centering & Measuring
Device
CENTER-KCS



Measuring Hose Tray
TRAY-KCS



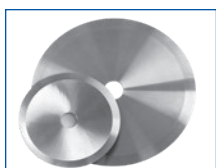
Stroke Counter
STROKE-KCS



Fume Extractor
FUME-KCS4



Blowing Kit
BLKIT-KCS45



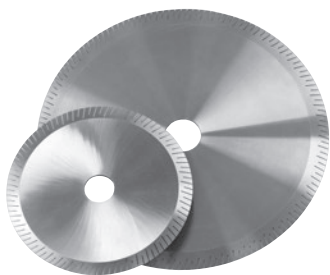
Smooth Blade
BLADE-SMT520



Diamond Blade
BLADE-DIA520

† CAUTION: Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



BLADE-SER Series Serrated Replacement Blade

- Serrations help dissipate heat, extending blade life and reducing smoke generation.
- Acceptable for use with textile reinforced hoses.
- Not recommended for use with hoses with a steel cover or containing steel (braid, spiral, and/or helical) reinforcement.

Part Number	Outside Diameter (mm)	Inside Diameter (mm)	Thickness (mm)
BLADE-SER250	250	40	3
BLADE-SER350	350	50	3
BLADE-SER400	400	50	4
BLADE-SER520	520	50	4

! CAUTIONARY STATEMENTS:

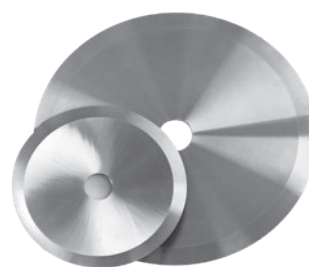
Blade sharpening should only be performed by the blade manufacturer. (Contact Kuriyama Customer Service for sharpening service details.)

Ensure direction of blade rotation is correct as indicated by the arrow printed on the blade.

When using a new blade or newly sharpened blade, make initial hose cuts at a low speed. A newly sharpened blade will cut very quickly, which at a high speed could lead to overheating, potentially damaging the blade.

- Do not operate at excessive speeds that could potentially overwork the motor.
- Do not move or rotate the hose during cutting.
- Do not apply any solvents or lubricants to the blade.

When replacing the blade inspect for signs of wear, that the shaft rotates without vibrations and that the blade is perfectly perpendicular to the cutting surface. Before starting, actuate the hose pressing lever to ensure no interferences.



BLADE-SMT Series Smooth Replacement Blade

- Acceptable for use with hoses containing steel, helical reinforcement.

Part Number	Outside Diameter (mm)	Inside Diameter (mm)	Thickness (mm)
BLADE-SMT250	250	40	3
BLADE-SMT350	350	50	3
BLADE-SMT400	400	50	4
BLADE-SMT520	520	50	4



BLADE-DIA Series Diamond Replacement Blade

- Durable diamond coating greatly extends blade life.
- Acceptable for use with hoses containing steel, helical reinforcement.

Part Number	Outside Diameter (mm)	Inside Diameter (mm)	Thickness (mm)
BLADE-DIA165	165	20	1.4
BLADE-DIA250	250	40	3
BLADE-DIA350	350	50	3
BLADE-DIA400	400	50	4
BLADE-DIA520	520	50	4

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HCMD

HCLG

HCRCT

HCMD

Medium Hose and Tubing Cutter

HCLG

Large Hose and Tubing Cutter

HCRCT

One Handed Ratchet Hose Cutter

FEATURES AND ADVANTAGES

- HCMD – Cuts up to 1 5/8" Hose and Tubing
Weight 4.3 oz.
- HCLG – Cuts up to 1 7/8" OD Hose and Tubing
Weight 5.0 oz
- HCRCT – Cuts up to 2 1/2" OD Hoses
Weight 1.4 lbs.



HCMD-BLADE



HCLG-BLADE



HCRCT-BLADE

HCMD-BLADE

Replacement blade for Medium Cutter
Medium Hose and Tubing Cutter

HCLG-BLADE

Replacement blade for Large Cutter
Large Bundle - Hose - Tubing Cutter

HCRCT-BLADE

Replacement blade for One Handed
Ratchet Cutter
Large Bundle - Hose - Tubing Cutter

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KPUSH2
Hydraulic Hose Pusher



Hose Capacity (in)	Pneumatic Input (psi)
2	100
Pusher Size	
L x W x H (in)	25.8 x 40.4 x 50.6
Weight (lbs)	214
Part Number	
KPUSH2	

DESCRIPTION
Pneumatically fed with a manual cycle and adjustable cylinder stroke pressure.

KPUSH3
Hydraulic Hose Pusher



Hose Capacity (in)	Pneumatic Input (psi)
3	100
Pusher Size	
L x W x H (in)	33.7 x 37.4 x 49.2
Weight (lbs)	518
Part Number	Motor Info
KPUSH3	230V 1 PH

INCLUDED ACCESSORIES



Electric Foot Pedal

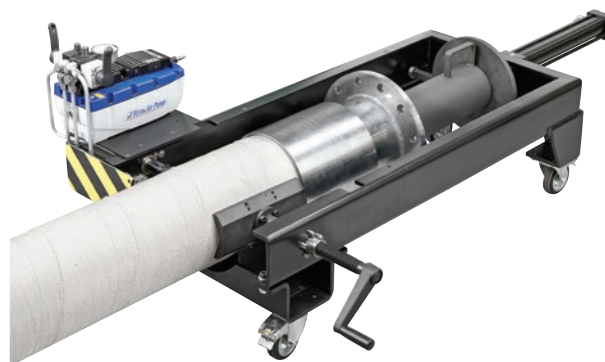
DESCRIPTION
Pneumatically fed with a semi-automatic cycle, self-centering vice and adjustable cylinder stroke and vice pressures.

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KPUSH8

Industrial Hose Pusher

Hose Capacity (in)	Pneumatic Input (psi)
8	8,818
Max Coupling OD (in)	16.7
Pusher Size	
L x W x H (in)	44.3 x 69.7 x 24.6
Weight (lbs)	298
Part Number	Pump Info
KPUSH3	100 PSI



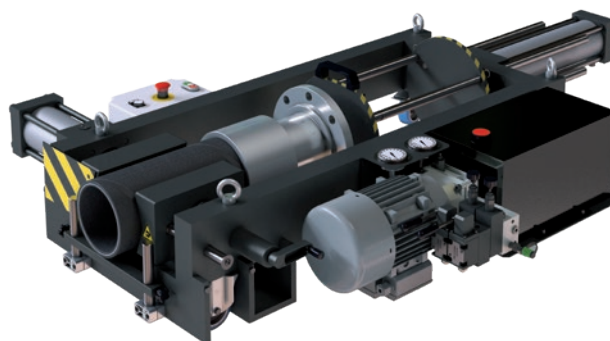
DESCRIPTION

An extremely powerful unit that is up to almost any task. Powered by a separate air pump, its clamping mechanism holds any size hose firmly in place during insertion.

KPUSH22-CON

Concrete Hose Pusher

Hose Capacity (in)	Pneumatic Input (psi)
8	22,046
Max Coupling OD (in)	16.7
Pusher Size	
L x W x H (in)	49.2 x 71.9 x 13.8
Weight (lbs)	992
Part Number	Motor Info
KPUSH3	3 HP



DESCRIPTION

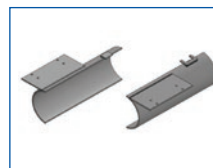
Boasting 22,046 lbs of crimping force, the KPUSH22-CON is designed for difficult, heavy duty industrial hose such as concrete and petroleum hoses.

OPTIONAL ACCESSORIES



Concrete Hose Mandrels

Part Number	Description	Hose ID (in)
PUSHMAN200	Concrete Hose Mandrel	2
PUSHMAN250	Concrete Hose Mandrel	2 1/2
PUSHMAN300	Concrete Hose Mandrel	3
PUSHMAN400	Concrete Hose Mandrel	4
PUSHMAN500	Concrete Hose Mandrel	5



Non-Slip Hose Jaws

Part Number	Description	Size (in)
PUSHJAWS200	Non-slip Hose Jaws	2
PUSHJAWS250	Non-slip Hose Jaws	2 1/2
PUSHJAWS300	Non-slip Hose Jaws	3
PUSHJAWS400	Non-slip Hose Jaws	4
PUSHJAWS500	Non-slip Hose Jaws	5

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KSKIVE1 Hydraulic Hose Skiver



DESCRIPTION

A manually operated unit designed to fit in a vice. Its small size and light weight make it perfect for in shop or on site service. Tooling sold separately.

Blade on orbital portion of tool can be adjusted to accommodate different sizes hoses, meaning only the internal mandrel must be changed. Internal skive tools have cutting blade attached and must be changed out when switching between different sized hoses.

Hose Capacity (in)	
Internal Skiving	2
External Skiving	2
Skiver Size	
L x W x H (in)	18.9 x 9.5 x 3.9
Weight (lbs)	15
Part Number	
KSKIVE1	

OPTIONAL ACCESSORIES



Mandrel Holder Stand
MANDSTAND1

EXTERNAL SKIVING MANDRELS

Part Number	Description
KS-ESMAND-3	External skiving mandrel Ø 3/16"
KS-ESMAND-4	External skiving mandrel Ø 1/4"
KS-ESMAND-5	External skiving mandrel Ø 5/16"
KS-ESMAND-6	External skiving mandrel Ø 3/8"
KS-ESMAND-8	External skiving mandrel Ø 1/2"
KS-ESMAND-10	External skiving mandrel Ø 5/8"
KS-ESMAND-12	External skiving mandrel Ø 3/4"
KS-ESMAND-16	External skiving mandrel Ø 1"
KS-ESMAND-20	External skiving mandrel Ø 1 1/4"
KS-ESMAND-24	External skiving mandrel Ø 1 1/2"
KS-ESMAND-32	External skiving mandrel Ø 2"

INTERNAL SKIVING MANDRELS *with Cutting Blade*

Part Number	Description
KS-ISMAND-8	Internal skiving mandrel Ø 1/2"
KS-ISMAND-10	Internal skiving mandrel Ø 5/8"
KS-ISMAND-12	Internal skiving mandrel Ø 3/4"
KS-ISMAND-16	Internal skiving mandrel Ø 1"
KS-ISMAND-20	Internal skiving mandrel Ø 1 1/4"
KS-ISMAND-24	Internal skiving mandrel Ø 1 1/2"
KS-ISMAND-32	Internal skiving mandrel Ø 2"

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KSKIVE2

Hydraulic Hose Skiver



DESCRIPTION

A compact, motor driven unit for hoses up to 2". Includes foot pedal, shaving drawer and spots for eight mandrels.

Blade on orbital portion of tool can be adjusted to accommodate different sizes hoses, meaning only the internal mandrel must be changed. Internal skive tools have cutting blade attached and must be changed out when switching between different sized hoses.

INCLUDED ACCESSORIES



Electric Foot Pedal



Shavings Drawer

Hose Capacity (in)	
Internal Skiving	2
External Skiving	2
Skiver Size	
L x W x H (in)	26.6 x 21.1 x 17.2
Weight (lbs)	110
Part Number	Motor Info
KSKIVE2	1.0 HP (230 V) 1 PH 300 RPM

OPTIONAL ACCESSORIES



Mandrel Holder Stand
MANDSTAND1

EXTERNAL SKIVING MANDRELS

Part Number	Description
KS-ESMAND-3	External skiving mandrel Ø 3/16"
KS-ESMAND-4	External skiving mandrel Ø 1/4"
KS-ESMAND-5	External skiving mandrel Ø 5/16"
KS-ESMAND-6	External skiving mandrel Ø 3/8"
KS-ESMAND-8	External skiving mandrel Ø 1/2"
KS-ESMAND-10	External skiving mandrel Ø 5/8"
KS-ESMAND-12	External skiving mandrel Ø 3/4"
KS-ESMAND-16	External skiving mandrel Ø 1"
KS-ESMAND-20	External skiving mandrel Ø 1 1/4"
KS-ESMAND-24	External skiving mandrel Ø 1 1/2"
KS-ESMAND-32	External skiving mandrel Ø 2"

INTERNAL SKIVING MANDRELS *with Cutting Blade*

Part Number	Description
KS-ISMAND-8	Internal skiving mandrel Ø 1/2"
KS-ISMAND-10	Internal skiving mandrel Ø 5/8"
KS-ISMAND-12	Internal skiving mandrel Ø 3/4"
KS-ISMAND-16	Internal skiving mandrel Ø 1"
KS-ISMAND-20	Internal skiving mandrel Ø 1 1/4"
KS-ISMAND-24	Internal skiving mandrel Ø 1 1/2"
KS-ISMAND-32	Internal skiving mandrel Ø 2"

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MULTICEN-MIN

Multifunctional / Tube Processing Center



Bending



37° Flaring



Deburring



Preassembly

DESCRIPTION

An economic, compact unit designed to carry out a multitude of the necessary functions for machining rigid hydraulic tubes, including bending, 24° ring preassembly, 37° flaring and deburring.

INCLUDED ACCESSORIES



Handheld Electronic Control



Tool Holder

Tube Materials

Stainless (AISI 316 TI) or Carbon (ST37.4) Steel

Bending

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.15

Max Bending Angle 170°

24° Preassembly

Tube Diameter Range (in) 0.236 - 1.654

Tube Max. Width (in) 0.15

37° Preassembly

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.158

Deburring

Tube Max. Size (in) 1/4 - 1 1/2

Multicenter Size

L x W x H (in) 28.4 x 36.2 x 51.0

Weight (lbs) 454

Part Number

MULTICEN-MIN-230/1

Motor Info

2.3 HP (230 V) 1 PH

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-JR

Multifunctional / Tube Processing Center


Bending

37° Flaring

Deburring

Preassembly

Cutting

DESCRIPTION

A well rounded unit, that includes all the same features of the MULTICEN-MIN: bending, 24° ring pre-assembly, 37° flaring and deburring, with the additional ability to perform tube cutting.

Also includes a small air compressor for cleaning shavings out of the inside of tubes.

INCLUDED ACCESSORIES


Handheld Electronic Control

Tool Holder

Tube Cleaning Air Compressor

Tube Materials

Stainless (AISI 316 TI) or Carbon (ST37.4) Steel

Cutting

Maximum Diameter (in) 3.9

Bending

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.15

Max Bending Angle 170°

24° Preassembly

Tube Diameter Range (in) 0.236 - 1.654

Tube Max. Width (in) 0.15

37° Flaring

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.15

Deburring

Tube Max. Size (in) 1/4 - 1 1/2

Multicenter Size

L x W x H (in) 59.7 x 39.4 x 47.6

Weight (lbs) 670

Part Number

MULTICEN-JR-230/1

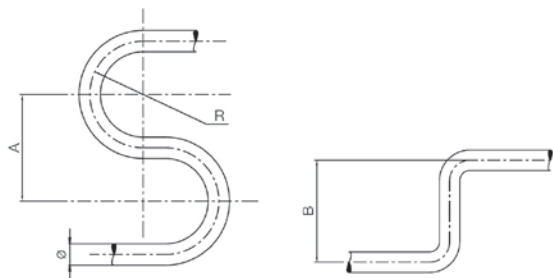
Motor Info

6.3 HP (230 V) 1 PH

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-MIN & MULTICEN-JR

Bending



BENDING TOOLS FOR MULTICEN-MIN AND MULTICEN-JR

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-6	Bending Tool Ø 6 mm	6.0	15.0	170	60	70
BENDTOOL-JR-8	Bending Tool Ø 8 mm	8.0	16.5	170	60	70
BENDTOOL-JR-10	Bending Tool Ø 10 mm	10.0	27.5	170	70	115
BENDTOOL-JR-12	Bending Tool Ø 12 mm	12.0	32.5	170	80	120
BENDTOOL-JR-14	Bending Tool Ø 14 mm	14.0	46.0	170	110	180
BENDTOOL-JR-15	Bending Tool Ø 15 mm	15.0	46.0	170	110	180
BENDTOOL-JR-16	Bending Tool Ø 16 mm	16.0	48.0	170	110	180
BENDTOOL-JR-18	Bending Tool Ø 18 mm	18.0	48.0	170	110	190
BENDTOOL-JR-20	Bending Tool Ø 20 mm	20.0	66.0	170	140	230
BENDTOOL-JR-22	Bending Tool Ø 22 mm	22.0	66.0	160	140	240
BENDTOOL-JR-25	Bending Tool Ø 25 mm	25.0	81.5	160	170	270
BENDTOOL-JR-28	Bending Tool Ø 28 mm	28.0	81.0	160	180	300
BENDTOOL-JR-30	Bending Tool Ø 30 mm	30.0	98.5	150	220	300
BENDTOOL-JR-32	Bending Tool Ø 32 mm	32.0	101.0	150	220	300
BENDTOOL-JR-35	Bending Tool Ø 35 mm	35.0	125.5	120	250	440
BENDTOOL-JR-38	Bending Tool Ø 38 mm	38.0	116.0	120	250	440
BENDTOOL-JR-42	Bending Tool Ø 42 mm	42.0	126.0	120	250	440

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-1/4	Bending Tool Ø 1/4"	1/4	0.65	170	2.36	2.76
BENDTOOL-JR-3/8	Bending Tool Ø 3/8"	3/8	1.08	170	2.76	4.53
BENDTOOL-JR-1/2	Bending Tool Ø 1/2"	1/2	1.28	170	3.15	4.72
BENDTOOL-JR-5/8	Bending Tool Ø 5/8"	5/8	1.88	170	4.33	7.09
BENDTOOL-JR-3/4	Bending Tool Ø 3/4"	3/4	1.88	170	4.33	7.09
BENDTOOL-JR-1	Bending Tool Ø 1"	1	3.20	160	6.69	10.63
BENDTOOL-JR-1 1/4	Bending Tool Ø 1 1/4"	1 1/4	3.97	150	8.66	11.81
BENDTOOL-JR-1 1/2	Bending Tool Ø 1 1/2"	1 1/2	4.56	120	9.84	17.32

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-MIN & MULTICEN-JR (continued)

PREASSEMBLY SOCKETS FOR MULTICEN-MIN AND MULTICEN-JR

Part Number	Description	Tubing OD (mm)
PRESOCK-JR-6L	Light Preassembly Socket Ø 6 mm	6.0
PRESOCK-JR-6S	Heavy Preassembly Socket Ø 6 mm	6.0
PRESOCK-JR-8L	Light Preassembly Socket Ø 8 mm	8.0
PRESOCK-JR-8S	Heavy Preassembly Socket Ø 8 mm	8.0
PRESOCK-JR-10L	Light Preassembly Socket Ø 10 mm	10.0
PRESOCK-JR-10S	Heavy Preassembly Socket Ø 10 mm	10.0
PRESOCK-JR-12L	Light Preassembly Socket Ø 12 mm	12.0
PRESOCK-JR-12S	Heavy Preassembly Socket Ø 12 mm	12.0
PRESOCK-JR-14S	Heavy Preassembly Socket Ø 14 mm	14.0
PRESOCK-JR-15L	Light Preassembly Socket Ø 15 mm	15.0
PRESOCK-JR-16S	Heavy Preassembly Socket Ø 16 mm	16.0
PRESOCK-JR-18L	Light Preassembly Socket Ø 18 mm	18.0
PRESOCK-JR-20S	Heavy Preassembly Socket Ø 20 mm	20.0
PRESOCK-JR-22L	Light Preassembly Socket Ø 22 mm	22.0
PRESOCK-JR-25S	Heavy Preassembly Socket Ø 25 mm	25.0
PRESOCK-JR-28L	Light Preassembly Socket Ø 28 mm	28.0
PRESOCK-JR-30S	Heavy Preassembly Socket Ø 30 mm	30.0
PRESOCK-JR-35L	Light Preassembly Socket Ø 35 mm	35.0
PRESOCK-JR-38S	Heavy Preassembly Socket Ø 38 mm	38.0
PRESOCK-JR-42L	Light Preassembly Socket Ø 42 mm	42.0

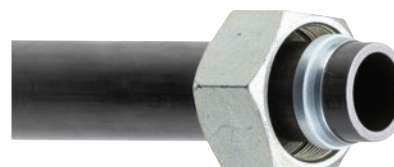
FLARING TOOLS FOR MULTICEN-MIN AND MULTICEN-JR

Part Number	Description	Tubing OD (mm)
FLAIRBLOCK-JR	Flaring Block	6-42
FLAIRTOOL-JR-6	Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-JR-8	Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-JR-10	Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-JR-12	Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-JR-14	Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-JR-15	Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-JR-16	Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-JR-18	Flaring Tool Ø 18 mm	18.0
FLAIRTOOL-JR-20	Flaring Tool Ø 20 mm	20.0
FLAIRTOOL-JR-22	Flaring Tool Ø 22 mm	22.0
FLAIRTOOL-JR-25	Flaring Tool Ø 25 mm	25.0
FLAIRTOOL-JR-28	Flaring Tool Ø 28 mm	28.0
FLAIRTOOL-JR-30	Flaring Tool Ø 30 mm	30.0
FLAIRTOOL-JR-32	Flaring Tool Ø 32 mm	32.0
FLAIRTOOL-JR-35	Flaring Tool Ø 35 mm	35.0
FLAIRTOOL-JR-38	Flaring Tool Ø 38 mm	38.0
FLAIRTOOL-JR-42	Flaring Tool Ø 42 mm	42.0

PREASSEMBLY PLATES FOR MULTICEN-MIN AND MULTICEN-JR

Part Number	Description	Tubing OD (mm)
PREPLATE-JR-6	Preassembly Plate Ø 6 mm	6.0
PREPLATE-JR-8	Preassembly Plate Ø 8 mm	8.0
PREPLATE-JR-10	Preassembly Plate Ø 10 mm	10.0
PREPLATE-JR-12	Preassembly Plate Ø 12 mm	12.0
PREPLATE-JR-14	Preassembly Plate Ø 14 mm	14.0
PREPLATE-JR-15	Preassembly Plate Ø 15 mm	15.0
PREPLATE-JR-16	Preassembly Plate Ø 16 mm	16.0
PREPLATE-JR-18	Preassembly Plate Ø 18 mm	18.0
PREPLATE-JR-20	Preassembly Plate Ø 20 mm	20.0
PREPLATE-JR-22	Preassembly Plate Ø 22 mm	22.0
PREPLATE-JR-25	Preassembly Plate Ø 25 mm	25.0
PREPLATE-JR-28	Preassembly Plate Ø 28 mm	28.0
PREPLATE-JR-30	Preassembly Plate Ø 30 mm	30.0
PREPLATE-JR-32	Preassembly Plate Ø 32 mm	32.0
PREPLATE-JR-35	Preassembly Plate Ø 35 mm	35.0
PREPLATE-JR-38	Preassembly Plate Ø 38 mm	38.0
PREPLATE-JR-42	Preassembly Plate Ø 42 mm	42.0

Preassembly



Note: Metric Tube Nuts (MTN Series) and Bite Sleeves (MBS Series) available. Refer to Kuriyama Hydraulic Connections Catalog pgs. 214-216.

37° Flaring



Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-MAX

Multifunctional / Tube Processing Center



Bending



37° Flaring



Deburring



Preassembly



Cutting

DESCRIPTION

Ideal for production tube processing, the top of the line MULTICEN-MAX performs bending, cutting, 24° ring pre-assembly, 37° flaring and deburring. Comes with a touch-screen, electronic control with the ability to store bending and flaring specifications. Optional electronic foot pedals available.

INCLUDED ACCESSORIES



Touch Screen
Electronic Control



Tool Holder

OPTIONAL ACCESSORIES



Electric Foot Pedals
(Bending)
PEDAL-MULT



Electronic Foot Pedals
(Flaring)
PEDAL-ES

Tube Materials

Stainless (AISI 316 TI) or Carbon (ST37.4) Steel

Cutting

Maximum Diameter (in) 4.9

Bending

Tube Size, General Tube (in) 1/4 - 1 1/2

Tube Size, AISI 316 TI (Max Ø x thickness) (in) 1 1/4 x 0.15

Tube Size, AISI 316 TI (Max Ø x thickness) (in) 1 1/2 x 0.12

Tube Size, ST 37.4 (Max Ø x thickness) (in) 1 1/4 x 0.20

Tube Size, ST 37.4 (Max Ø x thickness) (in) 1 1/2 x 0.12

Max Bending Angle 180°

24° Preassembly

Tube Diameter Range (in) 0.236 - 1.654

Tube Max. Width (in) 0.15

37° Flaring

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max. Width (in) 0.15

Deburring

Tube Max. Size (in) 0.236 - 1.654

Multicenter Size

L x W x H (in) 55.1 x 31.5 x 59.0

Weight (lbs) 882

Part Number

MULTICEN-MAX-230/3

Motor Info

6.0 HP (230 V) 3 PH

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-MAX (continued)

Bending



BENDING TOOLS FOR MULTICEN-MAX

Part Number	Description	Min. Bend Radius (mm)	Max. Bend Angle (°)
BENDTOOL-MAX-6	Bending Tool Ø 6 mm	20.0	180
BENDTOOL-MAX-8	Bending Tool Ø 8 mm	22.0	180
BENDTOOL-MAX-10	Bending Tool Ø 10 mm	25.0	180
BENDTOOL-MAX-12	Bending Tool Ø 12 mm	25.0	180
BENDTOOL-MAX-14	Bending Tool Ø 14 mm	35.0	180
BENDTOOL-MAX-15	Bending Tool Ø 15 mm	35.0	180
BENDTOOL-MAX-16	Bending Tool Ø 16 mm	40.0	180
BENDTOOL-MAX-18	Bending Tool Ø 18 mm	40.0	180
BENDTOOL-MAX-20	Bending Tool Ø 20 mm	50.0	180
BENDTOOL-MAX-22	Bending Tool Ø 22 mm	50.0	180
BENDTOOL-MAX-25	Bending Tool Ø 25 mm	65.0	180
BENDTOOL-MAX-28	Bending Tool Ø 28 mm	75.0	180
BENDTOOL-MAX-30	Bending Tool Ø 30 mm	90.0	180
BENDTOOL-MAX-32	Bending Tool Ø 32 mm	90.0	180
BENDTOOL-MAX-35	Bending Tool Ø 35 mm	95.0	180
BENDTOOL-MAX-38	Bending Tool Ø 38 mm	95.0	180
BENDTOOL-MAX-42	Bending Tool Ø 42 mm	115.0	180
BENDTOOL-MAX-50	Bending Tool Ø 42 mm	135.0	180

Part Number	Description	Min. Bend Radius (mm)	Max. Bend Angle (°)
BENDTOOL-MAX-1/4	Bending Tool Ø 1/4"	0.78	180
BENDTOOL-MAX-5/16	Bending Tool Ø 5/16"	0.86	180
BENDTOOL-MAX-3/8	Bending Tool Ø 3/8"	1.00	180
BENDTOOL-MAX-1/2	Bending Tool Ø 1/2"	1.00	180
BENDTOOL-MAX-5/8	Bending Tool Ø 5/8"	1.57	180
BENDTOOL-MAX-3/4	Bending Tool Ø 3/4"	1.97	180
BENDTOOL-MAX-7/8	Bending Tool Ø 7/8"	1.97	180
BENDTOOL-MAX-1	Bending Tool Ø 1"	2.55	180
BENDTOOL-MAX-1 1/4	Bending Tool Ø 1 1/4"	3.54	180
BENDTOOL-MAX-1 1/2	Bending Tool Ø 1 1/2"	3.74	180

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MULTICEN-MAX (continued)

Preassembly



Note: Metric Tube Nuts (MTN Series) and Bite Sleeves (MBS Series) available.

Refer to Kuriyama Hydraulic Connections Catalog pgs. 214-216.

PREASSEMBLY PLATES FOR MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PREPLATE-MAX-6	Preassembly Plate Ø 6 mm	6.0
PREPLATE-MAX-8	Preassembly Plate Ø 8 mm	8.0
PREPLATE-MAX-10	Preassembly Plate Ø 10 mm	10.0
PREPLATE-MAX-12	Preassembly Plate Ø 12 mm	12.0
PREPLATE-MAX-14	Preassembly Plate Ø 14 mm	14.0
PREPLATE-MAX-15	Preassembly Plate Ø 15 mm	15.0
PREPLATE-MAX-16	Preassembly Plate Ø 16 mm	16.0
PREPLATE-MAX-18	Preassembly Plate Ø 18 mm	18.0
PREPLATE-MAX-20	Preassembly Plate Ø 20 mm	20.0
PREPLATE-MAX-22	Preassembly Plate Ø 22 mm	22.0
PREPLATE-MAX-25	Preassembly Plate Ø 25 mm	25.0
PREPLATE-MAX-28	Preassembly Plate Ø 28 mm	28.0
PREPLATE-MAX-30	Preassembly Plate Ø 30 mm	30.0
PREPLATE-MAX-32	Preassembly Plate Ø 32 mm	32.0
PREPLATE-MAX-35	Preassembly Plate Ø 35 mm	35.0
PREPLATE-MAX-38	Preassembly Plate Ø 38 mm	38.0
PREPLATE-MAX-42	Preassembly Plate Ø 42 mm	42.0

TIGHT BEND PREASSEMBLY PLATES FOR MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PREPLATE-MAX-6T	Tight Bend Preass. Plate Ø 6 mm	6.0
PREPLATE-MAX-8T	Tight Bend Preass. Plate Ø 8 mm	8.0
PREPLATE-MAX-10T	Tight Bend Preass. Plate Ø 10 mm	10.0
PREPLATE-MAX-12T	Tight Bend Preass. Plate Ø 12 mm	12.0
PREPLATE-MAX-14T	Tight Bend Preass. Plate Ø 14 mm	14.0
PREPLATE-MAX-15T	Tight Bend Preass. Plate Ø 15 mm	15.0
PREPLATE-MAX-16T	Tight Bend Preass. Plate Ø 16 mm	16.0
PREPLATE-MAX-18T	Tight Bend Preass. Plate Ø 18 mm	18.0

PREASSEMBLY SOCKETS FOR MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PRESOCK-MAX-6L	Preassembly Socket Ø 6 mm	6.0
PRESOCK-MAX-6S	Preassembly Socket Ø 6 mm	6.0
PRESOCK-MAX-8L	Preassembly Socket Ø 8 mm	8.0
PRESOCK-MAX-8S	Preassembly Socket Ø 8 mm	8.0
PRESOCK-MAX-10L	Preassembly Socket Ø 10 mm	10.0
PRESOCK-MAX-10S	Preassembly Socket Ø 10 mm	10.0
PRESOCK-MAX-12L	Preassembly Socket Ø 12 mm	12.0
PRESOCK-MAX-12S	Preassembly Socket Ø 12 mm	12.0
PRESOCK-MAX-14S	Preassembly Socket Ø 14 mm	14.0
PRESOCK-MAX-15L	Preassembly Socket Ø 15 mm	15.0
PRESOCK-MAX-16S	Preassembly Socket Ø 16 mm	16.0
PRESOCK-MAX-18L	Preassembly Socket Ø 18 mm	18.0
PRESOCK-MAX-20S	Preassembly Socket Ø 20 mm	20.0
PRESOCK-MAX-22L	Preassembly Socket Ø 22 mm	22.0
PRESOCK-MAX-25S	Preassembly Socket Ø 25 mm	25.0
PRESOCK-MAX-28L	Preassembly Socket Ø 28 mm	28.0
PRESOCK-MAX-30S	Preassembly Socket Ø 30 mm	30.0
PRESOCK-MAX-35L	Preassembly Socket Ø 35 mm	35.0
PRESOCK-MAX-38S	Preassembly Socket Ø 38 mm	38.0
PRESOCK-MAX-42L	Preassembly Socket Ø 42 mm	42.0

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

MULTICEN-MAX (continued)

37° Flaring



FLARING TOOLS FOR MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
FLAIRBLOCK-MAX-18	Flaring Block 6-18 mm	6-18
FLAIRBLOCK-MAX-42	Flaring Block 6-42 mm	6-42
FLAIRTOOL-MAX-6	Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-MAX-8	Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-MAX-10	Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-MAX-12	Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-MAX-14	Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-MAX-15	Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-MAX-16	Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-MAX-18	Flaring Tool Ø 18 mm	18.0
FLAIRTOOL-MAX-20	Flaring Tool Ø 20 mm	20.0
FLAIRTOOL-MAX-22	Flaring Tool Ø 22 mm	22.0
FLAIRTOOL-MAX-25	Flaring Tool Ø 25 mm	25.0
FLAIRTOOL-MAX-28	Flaring Tool Ø 28 mm	28.0
FLAIRTOOL-MAX-30	Flaring Tool Ø 30 mm	30.0
FLAIRTOOL-MAX-32	Flaring Tool Ø 32 mm	32.0
FLAIRTOOL-MAX-35	Flaring Tool Ø 35 mm	35.0
FLAIRTOOL-MAX-38	Flaring Tool Ø 38 mm	38.0
FLAIRTOOL-MAX-42	Flaring Tool Ø 42 mm	42.0

TIGHT FLARING TOOLS FOR MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
FLAIRTOOL-MAX-6T	Tight Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-MAX-8T	Tight Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-MAX-10T	Tight Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-MAX-12T	Tight Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-MAX-14T	Tight Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-MAX-15T	Tight Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-MAX-16T	Tight Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-MAX-18T	Tight Flaring Tool Ø 18 mm	18.0

WHITWORTH FLARING TOOLS FOR MULTICEN-MAX

Part Number	Description	Tubing OD (in)
FLAIRTOOL-MAX-1/4	Whitworth Flaring Tool Ø 1/4"	1/4
FLAIRTOOL-MAX-5/16	Whitworth Flaring Tool Ø 5/16"	5/16
FLAIRTOOL-MAX-3/8	Whitworth Flaring Tool Ø 3/8"	3/8
FLAIRTOOL-MAX-1/2	Whitworth Flaring Tool Ø 1/2"	1/2
FLAIRTOOL-MAX-5/8	Whitworth Flaring Tool Ø 5/8"	5/8
FLAIRTOOL-MAX-3/4	Whitworth Flaring Tool Ø 3/4"	3/4
FLAIRTOOL-MAX-7/8	Whitworth Flaring Tool Ø 7/8"	7/8
FLAIRTOOL-MAX-1	Whitworth Flaring Tool Ø 1"	1
FLAIRTOOL-MAX-1 1/4	Whitworth Flaring Tool Ø 1 1/4"	1 1/4
FLAIRTOOL-MAX-1 1/2	Whitworth Flaring Tool Ø 1 1/2"	1 1/2

TIGHT FLARING TOOLS FOR MULTICEN-MAX

Part Number	Description	Tubing OD (in)
FLAIRTOOL-MAX-1/4T	Tight Flaring Tool Ø 1/4"	1/4
FLAIRTOOL-MAX-5/16T	Tight Flaring Tool Ø 5/16"	5/16
FLAIRTOOL-MAX-3/8T	Tight Flaring Tool Ø 3/8"	3/8
FLAIRTOOL-MAX-1/2T	Tight Flaring Tool Ø 1/2"	1/2
FLAIRTOOL-MAX-5/8T	Tight Flaring Tool Ø 5/8"	5/8

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KRACK6H

Six Coil Horizontal Hose Rack

Specifications

Max Arm Load (lbs)	474
L x W x H (in)	93.4 x 79.2 x 79.2
Weight (lbs)	377

DESCRIPTION

Designed to optimize and organize your workshop, the KRACK6H features six horizontal hose racks that rotate for ease in loading and unloading.



KRACK8H

Eight Coil Horizontal Hose Rack

Specifications

Max Arm Load (lbs)	473
L x W x H (in)	93.5 x 93.5 x 85.6
Weight (lbs)	474

DESCRIPTION

Designed to optimize and organize your workshop, the KRACK8H features eight horizontal hose racks that rotate for ease in loading and unloading.



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KRACK6H2

Six Coil Horizontal Hose Rack

Specifications

Max Arm Load (lbs)	240
L x W x H (in)	41.7 x 41.7 x 78.0
Weight (lbs)	198

DESCRIPTION

Designed to optimize and organize your workshop, the KRACK6H2 features six horizontal hose racks that pull out for ease in loading and unloading. Its small footprint is great for shops where space is at a premium.



KRACK6V

Six Coil Vertical Hose Rack

Specifications

Max Arm Load (lbs)	352
L x W x H (in)	63.0 x 63.0 x 90.6
Weight (lbs)	240

DESCRIPTION

Designed to optimize and organize your workshop, the KRACK6V features six vertical hose racks that help facilitate winding of the hose reels. Vertical for easy winding/unwinding.

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KCART1

Short Assembly Hose Cart

Specifications

Max Arm Load (lbs)	330
L x W x H (in)	36.1 x 51.2 x 79.5
Weight (lbs)	198

DESCRIPTION

With wheels and four trays, the KCART1 is perfectly designed to transport shorter hose assemblies around the shop.



KCART2

Long Assembly Hose Cart

Specifications

Max Arm Load (lbs)	1543
L x W x H (in)	59.1 x 27.2 x 56.7
Weight (lbs)	209

DESCRIPTION

With wheels and a tall frame, the KCART2 is perfectly designed to transport longer hose assemblies around the shop.

Height adjustable to accommodate various assembly lengths.



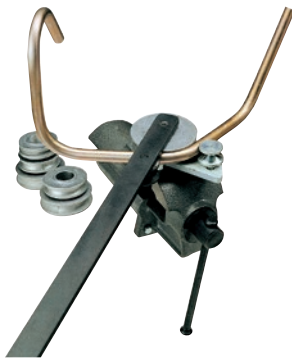
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Additional types of hose and tubing processing equipment are available upon request. Please contact Kuriyama Customer Service for details.

Test Benches



Tube Benders



Flaring and Preassembly



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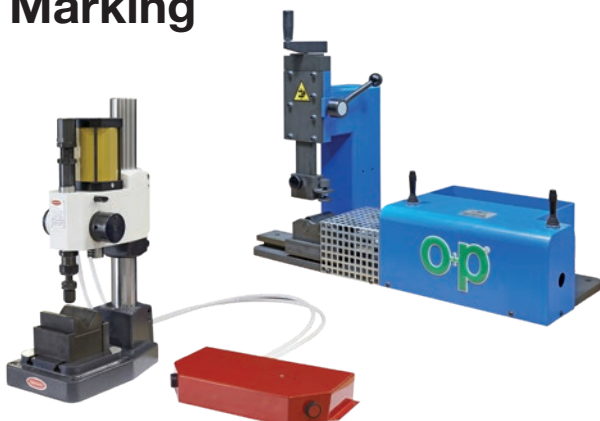
Washing



Filtering



Marking



Deburring



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Additional types of hose and tubing processing equipment are available upon request. Please contact Kuriyama Customer Service for details.

Coiling



Marking & Cutting Lines



Mobile Workshops



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