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HOSE ASSEMBLY MACHINES



QUALITY CREATE
THE FUTURE

JKS100 PORTABLE CRIMPER



Technical Specifications

Crimping Force (kn)	1000/100t (Ton)	Hose Internal Size (mm)	4~25	Oil Pressure (MPa)	31.5
Opening (mm)	+20	Weight Without Oil (kg)	32	Dies (sets)	6

Dimensions

Length (mm)	360	Width (mm)	300	Height (mm)	340
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Performance

Portable and Light
Compact design, available to be used in fieldwork
Manual, easy for operation
High Precision
Indicator light will illuminate when crimping finished

Applicable Product Range

Hose Type	Max. Hose Size
2 wire spirals	1" (1 inch)

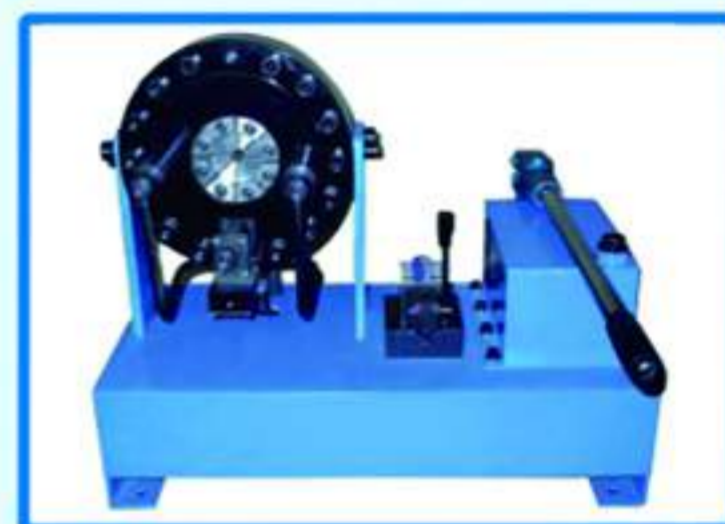
JKS100 PORTABLE CRIMPER-----STANDARD DIES SIZES

Die No.	15	18	21	24	27	30
Crimping Range (mm)	15-18	18-21	21-24	24-27	27-30	30-36
L (mm)	56	56	56	56	56	56

Optional Dies

Die No.	4	6	8	10	12
Crimping Range (mm)	4-6	6-8	8-10	10-12	12-15
L (mm)	56	56	56	56	56

JKS160 MANUAL CRIMPER



Technical Specifications

Crimping Force (kn)	1600/160 (Ton)	Hose Internal Size (m)	4~25	Oil Pressure (mpa)	31.5
Opening (mm)	+20	Weight Without Oil (kg)	52	Dies (sets)	8

Dimensions

Length (mm)	560	Width (mm)	460	Height (mm)	460
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Performance

Manual opening and closing control.
Compact • Light • Operated by hand-pump • Mobile • Available be used for fieldwork.
Dual ramps crimping • High crimping force can reach to 1600 KN.
The red light will illuminate when crimping size is reached.

Applicable Product Range

Hose Type	Max. Hose Size
3 Wire braids or textile	1" (1 inch)
2 wire spirals	1" (1 inch)

JKS160 MANUAL CRIMPER--STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45
Die Length (mm)	45	45	45	55	55	55	65	65

JK100 CRIMPER



Technical Specifications

Crimping Force (kn)	1000/100t (Ton)	Hose Internal Size (mm)	4~25	Motor Power (kW)	1.5
Standard Voltage	200V, single-phase (1ph)	Oil Pressure (MPa)	25	Opening (mm)	+20
Weight Without Oil (kg)	95	Dies (sets)	7	Optional voltage	DC12V/ 380V 3ph

Dimensions

Length (mm)	500	Width (mm)	580	Height (mm)	396
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Performance

Semi-automatic opening and closing control
Compact · Light · Mobile · Economy
Precision · Simple to operate

Applicable Product Range

Hose Type	Max. Hose Size
2 wire spirals	1" (1 inch)

Jk100 CRIMPER—STANDARD DIE SIZES

Die No.	12	15	18	21	24	27	30
Crimping Range (mm)	12-15	15-18	18-21	21-24	24-27	27-30	30-34
Die Length (mm)	56	56	56	56	56	56	56

JK160 CRIMPER



Technical Specifications

Crimping Force (kn)	1600/160 (Ton)	Hose Internal Size (mm)	4~25	Motor Power (kW)	1.5
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	25	Opening (mm)	+20
Weight Without Oil (kg)	75	Dies (sets)	8	Optional voltage	220V 1ph / DC 12V

Dimensions

Length (mm)	560	Width (mm)	530	Height (mm)	460
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Performance

Semi-automatic opening and closing control.
Compact · Light · Mobile · Precision · Durability · Simple to operate.
Dual ramps crimping · High crimping force can reach to 1600 KN.

Applicable Product Range

Hose Type	Max. Hose Size
3 wire braids or textile	1" (1 inch)
2 wire spirals	1" (1 inch)

JK160 CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45
Die Length (mm)	45	45	45	55	55	55	65	65

JK200 CRIMPER



Technical Specifications

Crimping Force (kn)	2000/200 (Ton)	Hose Internal Size (mm)	4~32	Motor Power (kW)	2.2
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+25
Weight Without Oil (kg)	146	Dies (sets)	10	Optional voltage	220V 1ph/DC 12V

Dimensions

Length (mm)	620	Width (mm)	420	Height (mm)	640
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Performance

Automatic or foot pedal opening and closing control.
 Precision · Durability · Reliability · Economy.
 Dual ramps crimping · High crimping force can reach to 2000 KN.
 The Oil cylinder will retract automatically after crimping sizes are reached.

Applicable Product Range

Hose Type	Max. Hose Size
3 Wire braids or textile	1 1/4" (1.25 inch)
2 wire spirals	1 1/4" (1.25 inch)

JK200 CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39	45	51
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45	45-51	51-59
Die Length (mm)	45	45	45	60	60	60	65	65	80	80

JK350 CRIMPER



Technical Specifications

Crimping Force (kn)	3500/350 (Ton)	Hose Internal Size (mm)	4~51	Motor Power (kW)	3
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+25
Weight Without Oil (kg)	280	Dies (sets)	12	Optional voltage	220V 1ph

Dimensions

Length (mm)	680	Width (mm)	440	Height (mm)	1000
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Performance

Automatic or foot pedal opening and closing control.
 The best seller · High production capacity · Precision and Durability.
 It is designed for large maintenance activities, particularly for heavy fittings.
 The JK350 fast style electric crimper has better performance for mass production.

Applicable Product Range

Hose Type	Max. Hose Size
3 wire braids or textile	2" (2 inch)
2 wire spirals	2" (2 inch)
4 wire spirals	2" (2 inch)

JK350 CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39	45	51	59	65
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45	45-51	51-59	59-65	65-70
Die Length (mm)	45	45	45	60	60	60	65	65	80	80	80	90

JK400 CRIMPER



Technical Specifications

Crimping Force (kn)	4000/400 (Ton)	Hose Internal Size (mm)	4-64	Motor Power (kW)	3
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+30
Weight Without Oil (kg)	340	Dies (sets)	12	Optional	Oil cooler

Dimensions

Length (mm)	680	Width (mm)	440	Height (mm)	1020
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Performance

Strong crimping force, can crimp 2inch 6wires hydraulic hose.

Automatic or foot pedal opening and closing control.

High crimping speed, high production capacity, easy operation, easy maintenance and durability.

Big opening and big through hole diameter, good through capability.

Applicable Product Range

Hose Type	Max. Hose Size
2 wire spirals	2 1/2" (2.5 inch)
4 wire spirals	2" (2 inch)
6 wire spirals	2" (2 inch)

JK400 CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39	45	51	59	65
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45	45-51	51-59	59-65	65-70
Die Length (mm)	45	45	45	60	60	60	65	65	80	80	80	90

JK450-A CRIMPER



Technical Specifications

Crimping Force (kn)	4500/450 (Ton)	Hose Internal Size (mm)	4-51	Motor Power (kW)	3
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	25	Opening (mm)	+30
Weight Without Oil (kg)	267	Dies (sets)	12		

Dimensions

Length (mm)	630	Width (mm)	412	Height (mm)	689
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Performance

Semi-automatic opening and closing control

The double-slanted slide with the best angle, the crimping force multiplied, cost effective

Convenient Location, Stable Quality, High Production Efficiency.

Big through hole diameter, good through capability, easy operation.

Applicable Product Range

Hose Type	Max. Hose Size
3 wire braids or textile	2" (2 inch)
2 wire spirals	2" (2 inch)
4 wire spirals	2" (2 inch)

JK450-A CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	22	26	30	34	39	51	59	65
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45	51-59	59-65	65-70
Die Length (mm)	45	45	45	60	60	60	65	65	80	80	80

JK600 CRIMPER



Technical Specifications

Crimping Force (kn)	6000/600 (Ton)	Hose Internal Size (mm)	4-76	Motor Power (kW)	7.5
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+40
Weight Without Oil (kg)	750	Dies (sets)	17		

Dimensions

Length (mm)	1000	Width (mm)	540	Height (mm)	900
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Performance

Automatic or Foot pedal opening and closing control
 Upgrade oil Cylinder · Radial movement of the dies
 Easy loading with fine Performance · Efficiency
 Can be used as the nut crimping machine after changing the dies
 High crimping force up to 6000KN, available for reshaping of thick steel pipe

Applicable Product Range

Hose Type	Max. Hose Size
3 wire braids or textile	3" (3 inch)
4 wire spirals	3" (3 inch)
6 wire spirals	2" (2 inch)

JK600 CRIMPER—STANDARD DIE SIZES

Die No.	14	16	19	24	28	32	36	40	45	51	59	65	70	76	82	90	98
Crimping Range (mm)	14-16	16-19	19-24	24-28	28-32	32-36	36-40	40-45	45-51	51-59	59-65	65-70	70-76	76-82	82-90	90-98	98-106
Die Length (mm)	45	45	60	60	60	60	75	75	80	80	90	90	105	105	105	110	110

JKL350C CRIMPER



Technical Specifications

Crimping Force (kn)	3500/350 (Ton)	Hose Internal Size (mm)	4-51	Motor Power (kW)	4
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+60
Weight Without Oil (kg)	1100	Dies (sets)	12	Optional voltage	+280

Dimensions

Length (mm)	1050	Width (mm)	945	Height (mm)	1555
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Performance

Manual or foot pedal opening and clothing. Semi-Automatic or Automatic(number control)
 High production capacity thanks to adjustable opening diameters and holding times.
 It is designed for large maintenance activities, particularly for heavy fittings.
 Slim style and large opening, particularly for the ultra big double-elbow hoses assemblies and other deformed ones.

Applicable Product Range

Hose Type	Max. Hose Size
3 wire braids or textile	2" (2 inch)
2 wire spirals	2" (2 inch)
4 wire spirals	2" (2 inch)

JKL350C Large Opening Crimper--Standard Die Sizes

Die No.	14	16	19	22	26	30	34	39	45	51	59	65
Crimping Range (mm)	14-16	16-19	19-22	22-26	26-30	30-34	34-39	39-45	45-51	51-59	59-65	65-70
Die Length (mm)	45	45	45	60	60	60	65	65	80	80	80	90

JKL500 THE SUPER SLIM CRIMPER



Technical Specifications

Crimping Force (kn)	5000/500 (Ton)	Hose Internal Size (mm)	4~127	Motor Power (kW)	5.5
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	31.5	Opening (mm)	+76
Weight Without Oil (kg)	1200	Dies (sets)	16		

Dimensions

Length (mm)	975	Width (mm)	905	Height (mm)	1750
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Performance

Patent No. : ZL200520051399.2
 Meet the CE standards from TUV SUD group.
 Automatic or foot pedal opening and closing control.
 High production capacity thanks to adjustable opening diameters and holding times.
 Slim style and large opening, particularly for the ultra big double-elbow hoses assemblies.
 Allows to crimp 5" hoses
 The crimping force up to 5000KN, with the ability to crimp 6 wire spirals and connecting steel threaded pipe.

Applicable Product Range

Hose Type	Max. Hose Size
2 wire braids or textile	5" (5 inch)
4 wire spirals	3" (3 inch)
6 wire spirals	2" (2 inch)

JKL500 THE SLIM ELECTRIC CRIMPER—STANDARD DIE SIZES

Die No.	14	17	20	24	29	33	38	43	48	54	60	70	85	100	115	130
Crimping Range (mm)	15-19	19-23	23-28	27-32	31-37	37-42	41-48	47-54	53-60	59-70	68-78	77-91	91-108	106-127	123-141	138-156
Die Length (mm)	45	60	60	60	60	75	75	75	90	90	100	100	110	120	125	129

JKK40 ELECTRIC CRIMPER



Technical Specifications

Crimping Force (kn)	400/40 (Ton)	Hose Internal Size (mm)	6~28	Motor Power (kW)	2.2
Standard Voltage	220V, (1ph)	Oil Pressure (MPa)	25	Opening (mm)	+36
Weight Without Oil (kg)	105	Dies (sets)	7	Optional voltage	75

Dimensions

Length (mm)	948	Width (mm)	418	Height (mm)	954
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Performance

Semi-automatic opening and closing control
 Big opening, +36mm
 Long dicetance opening, up to 75mm.
 Vertical slim style, suitable for double-elbow hose assemblies.
 The crimping foce up to 40 ton, able to crimping air-condition hose.

Applicable Product Range

Hose Type	Max. Hose Size
2 textile	1 1/8" (28mm)

JKK40 A / C HOSE ELECTRIC CRIMPER—SLANDARD DIE SIZES

Die No.	6	8	11	15	19	22	28
Crimping Range (mm)	6	8	11	15	19	22	28
Die Length (mm)	42	42	42	55	55	55	66

JKK60 SIDE OPENING ELECTRIC CRIMPER



Technical Specifications

Crimping Force (kn)	600/60 (Ton)	Hose Internal Size (mm)	6~28	Motor Power (kW)	3
Standard Voltage	380V, (3ph)	Oil Pressure (MPa)	10	Opening (mm)	+40
Weight Without Oil (kg)	785	Dies (sets)	7		

Dimensions

Length (mm)	950	Width (mm)	760	Height (mm)	1500
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Performance

Patent No. : ZL200420049039.4

Meet the CE standards from TUV SUD group

ideal for automobile air-conditioning pipe, particular for double elbow fittings and complicated fittings. Opening from single side

No limitation for fitting's shape. • Radial movement of the dies • Easy loading with fine performance

The fittings or sleeves can be easily loaded radially, which increases productivity.

Applicable Product Range

Hose Type	Max. Hose Size
2 textile	1 1/8" (28mm)

JKK60 SIDE OPENING ELECTRIC CRIMPER—STANDARD DIE SIZES

Die No.	6	8	11	15	19	22	28
Crimping Range (mm)	6	8	11	15	19	22	28
Die Length (mm)	42	42	42	55	55	55	66

JKK80 ELECTRIC CRIMPER



Technical Specifications

Crimping Force (kn)	800/80 (Ton)	Crimping Range	6~28mm	Motor Power (kW)	2.2KW (220V 1ph) 3KW(380V 3PH)
Voltage	220V 1PH 380V 3PH	Oil Pressure (MPa)	25	Opening (mm)	+36
Weight without Oil	115kg	Dies	7 SETS	Opening Length	75

Dimensions

Length (mm)	948	Width (mm)	418	Height (mm)	1004
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Performance

Suit for auto air condition hose, brake hose, auto steering system hose etc

Semi-automatic opening and closing control

Big opening, can reach 36mm

Long distance opening, up to 75mm

Super slim design, suitable for double-elbow hose assemblies

The crimping force up to 80tons, is able to crimp air-condition hose with steel ferrule.

Applicable Product Range

Hose Type	Max. Hose Size
2 textile	1 1/8" (28mm)

JKK80 electric crimper -standard dies sizes

Die No.	6	8	11	15	19	22	28
Crimping Range (mm)	6	8	11	15	19	22	28
Die Length (mm)	42	42	42	55	55	55	66

JQS51 MANUAL CUTTING MACHINE



Technical Specifications

Hose Internal Size (mm)	4~51	Motor Power (KW)	4	Blade Diameter (mm)	350
Weight Without Oil (kg)	160				

Dimensions

Length (mm)	600	Width (mm)	462	Height (mm)	1015
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Performance

Hydraulic bending

Simple operation

Minimum of fume and debris

Efficiency

The hose cutting section is smooth and clean

Exhaust device

Blade cooling

Applicable Product Range

Hose Type	Max. Hose Size
2 wire braids or textile	2" (2 inch)
4 Wire spirals	2" (2 inch)
6 Wire spirals	1" (1 inch)

JQQ51-Y HOSE CUTTING MACHINE



Technical Specifications

Hose Internal Size (mm)	4~51	Oil Pressure (MPa)	2.5	Blade Diameter (mm)	350
Motor Power (KW)	7.5	Standard Voltage	380V, (3ph)	Weight Without Oil (kg)	253

Dimensions

Length (mm)	800	Width (mm)	610	Height (mm)	1010
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Performance

Hydraulic Bending.

Simple Operation.

Minimum of fume and debris.

High cutting speed.

The hose cutting section is smooth and clean.

Cooling system for blade.

Stronger power, can cut big hose with 4 wire spirals.

Applicable Product Range

Hose Type	Max. Hose Size
2 Wire braids or textile	2" (2 inch)
4 Wire spirals	2" (2 inch)
6 wire spirals	1" (1 inch)

JB51-D HOSE SKIVING MACHINE



Technical Specifications

Hose Internal Size (mm)	4~51	Motor Power (KW)	0.75	Standard Voltage	380V, (3ph)
Dies (sets)	13	Weight Without Oil (kg)	159		

Dimensions

Length (mm)	730	Width (mm)	390	Height (mm)	750
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Performance

Patent product Patent No. : ZL00225736.X

Mount is optional for dual safety.

Brake motor for better safety.

Self-adaptive feed mechanism for easily skiving.

Skiving the hoses when taking it out, in order to protection the hoses smooth and avoid any damage of the internal layer

The hose can easily be mounted thanks to the skiving length can be adjusted.

Applicable Product Range

Hose Type	Max. Hose Size
2 wire braids or textile	2" (2 inch)
4 wire spirals	2" (2 inch)

JS51-Y NUT CRIMPER



Technical Specifications

Hose Internal Size (mm)	4~51	Oil Pressure (MPa)	31.5	Standard Voltage	380V, (3ph)
Motor Power (KW)	2.2	Dies	9	Weight Without Oil (kg)	268

Dimensions

Length (mm)	600	Width (mm)	500	Height (mm)	820
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Performance

It is designed for nut crimping.

Robust construction.

Increases productivity.

Hose assemblies has endurance strength after finished crimping.

It also allows the crimping of fittings.

Applicable Product Range

Nut crimper is an ideal for nonstandard fittings which sizes from 4 to 51 mm

JX-200 HOSE WASHING MACHINE



Technical Specifications

Hose Size	6~51mm (1/4" 2")	Maximum pumping capacity	200L/min	Maximum compressed air consumption	3.5m /min
Rated air pressure	0.7~0.8MPa	Fluid media	emulsion	Cleaning Tank Dimension	1700*800*165mm
Weight	175KG				

Performance

Easy for operation, no pollution

Driven by air, no need motor and power

Strong flow, washing cleanly

JF150 PRESSURE TEST MACHINE



Technical Specifications

Testing fluid	Anti rust emulsion
Full range of pressure gauge	1600bar
Rated input air compression	7bar
Rated testing pressure	1200bar
Rated maximum testing pressure	1300bar
Rated minimum testing pressure	200bar
Effective volume	30L
Dimensions of testing compartment	1680*800*240mm
Height of testing compartment	250mm
Machine dimensions	2000*800*1200mm
Wight	185Kg

Performance

JF-150 Pressure Test Machine was developed according to ISO 6605(Hydraulic fluid power-hoses and hose assemblies-Test methods) and GB7939-92(Hydraulic fluid power-Hose assemblies-Test methods). The machine was driven by compressed air, it is easy operate, no pollution and safe.

ABOUT JOINFLY



Changsha Joinfly M&E Equipment Manufacture Co., Ltd. is a high-tech enterprise based on the Research Institute on Hydraulic Machinery and Control Technology of Central South University. Since founded in 2001, our company has been engaging in the design and development of the crimping devices of hydraulic rubber hose assembly and related auxiliary products, such as crimping machine, cutting machine, skiving machine, nut crimping machine, hose cleaning machine, pressure test machine, pipe-expanding machine, shrinking machine etc. All products has passed CE certificate. Till now we have got many patents, include a patent for invention.

We wrote the Chinese industrial standard for crimping machine, cutting machine and skiving machine. The file No. is JB/T 10708-2007, JB/T 11754-2013 and JB/T13282-2017. So far our products have been exported to more than 30 countries and regions, such as Europe, North America, South America, Central Asia, South Asia, South Africa and Australia, and have won high reputation of customers all over the world.



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