



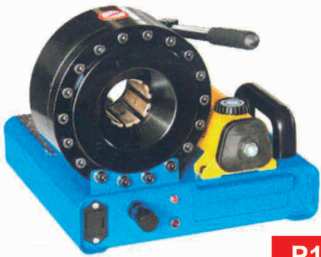
**TWINBRIDGE® PRODUCTS**



**Fitting Mark**



**Die Rack**



**P16HP**



**P20**



**P32**



**FP145**



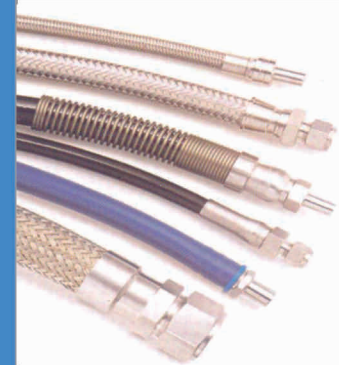
**T220**



**20" S600**



**Skiver 51**



**Hose**



**C300**



**C400**



**Fittings**



**TWINBRIDGE®**



TECHNICAL DATA of Crimping Machine	P16HP	P20	P32	FP145
Crimping Range in mm	10-45	10-61	10-87	10-125
Crimping Range in inches	0.39-1.77	0.39-2.4	0.39-3.42	0.39-4.92
Crimping Force in Metric tons	95.5	140	200	420
Crimping Force in KN	955	1400	2000	4200
Maximum Hose Size in inches	1"	1 1/2"	2"	4"
Maximum Travel of Die in mm	+20	+25	+34	+86
Master die Diam./Length in mm	39/64	84/80	99/80	140/100
Master die Diam./Length in inches	1.54/2.52	3.31/3.15	3.9/3.15	5.51/3.94
Machine Control	Manual	Electrical	Electrical	SIEMENS Digital Control
Motor Size in KW Single Phase/3 Phase	700 Bar Enerpac Pump	3	4	5.5
<b>Color</b>	<b>BLUE</b>			
L x W x H mm	156x500x330	400x800x530	400 X 850 X 530	1063x1450x1640
Weight in KG	35	145	195	1250
Die set with machine	10-12-14-16-19- 23-27-31	14-16-19-23-27-31 -36-41-47-54	14-16-19-22-26-30-34 -39-45-51-57-63-69	15-18-21-24-27-33- 39-45-51-57-66



**P20Q**



**P32Q**





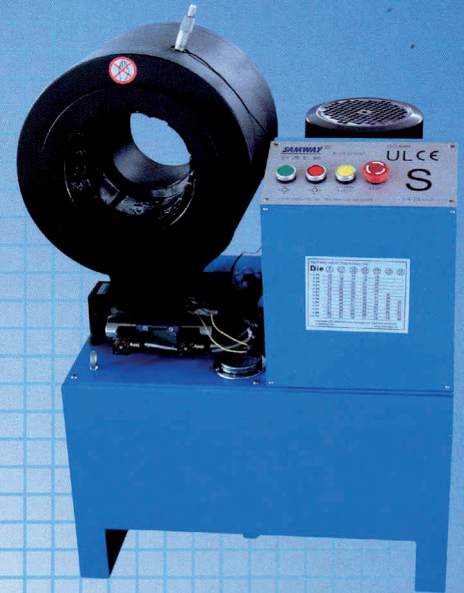
# TWINBRIDGE®



S32



S51



S76

Specification/Model	S32	S51	S76
Crimping Force	200	280	480
Crimping Range	10-45	10-80	10-120
Control System	Electrical	Electrical	Electrical
Hydraulic Hose	1 1/4" 4SP	2" 4SP	3" 4SP
Opening mm	+24	+24	+24
Crimping Speed Seconds	7	6	8
Power KW	2.2	3	3
Die Sets	15 18 21 24 27 33 39 45	15 18 21 24 27 33 39 45 51 57 66	15 18 21 24 27 33 39 45 51 57 66 , optional die sets to 120
L*W*H mm	450*550*850	450*550*950	450*650*1100
Weight Kg	280	400	580

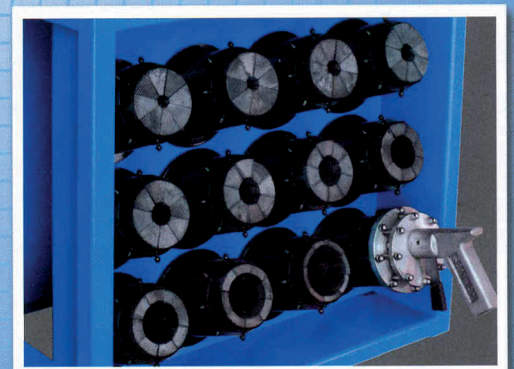
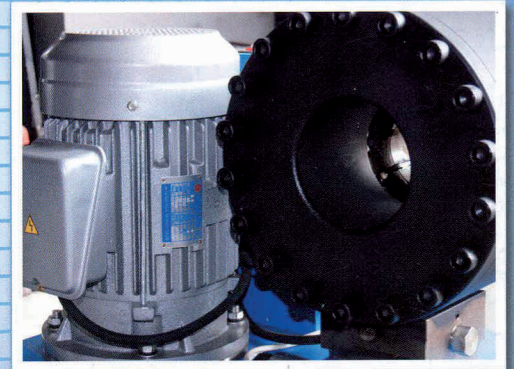
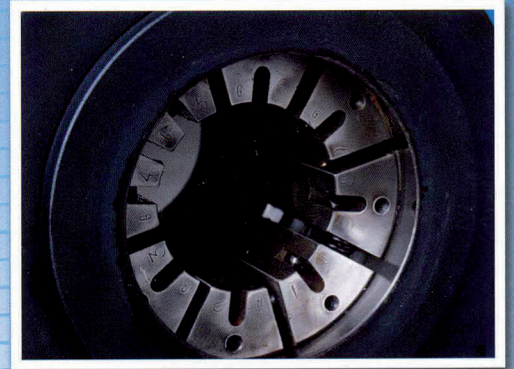




# TWINBRIDGE®



TWINBRIDGE® S32 S51 S51Q S76  
TWINBRIDGE® Economical Crimping Machines



## S51Q

TWINBRIDGE® S series Crimping Machine are mainly for service and small production purpose, economical and compact in design, ideal for most of your needs in hose assembly. Up to 1000 mm OD hose pipe or tube and 5000 ton pressing force available upon request.

Main clients: RYCO, PIRTEK, PARKER USA, CATERPILAR etc.





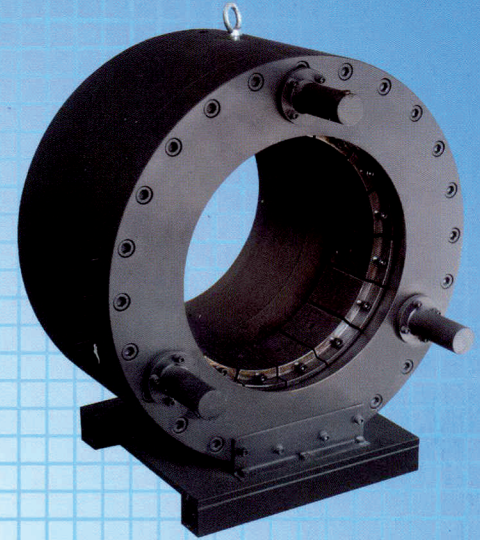
**TWINBRIDGE®**



**S102**



**S280**



**S500**

Specification/Model	S102	S280
Crimping Force	520	1500
Crimping Range	10-140	10-280
Control System	Electrical	CNC Precision Control
Hydraulic Hose	4"	3" 8 wire
Opening mm	+24	+50
Crimping Speed Second	8	5
Power KW	4	7.5
Die Sets	15 18 21 24 27 33 39 45 51 57 66, optional die sets to 140	Optional
L*W*H mm	550*650*1150	800*1700*1750
Weight Kg	680	1800

Specification/Model	S500/S600
Crimping Force	4000/5000
Crimping Range	200-500/200-600
Opening	+85mm
Master Die Diameter	500mm/600mm
Control System	CNC Precision Control
Hydraulic Hose	Any
Crimping Speed Second	20/23
System Power kw	15
Die Sets	Optional
L*W*H mm (Crimping Unit)	950*700*1100
Weight Kg(Crimping Unit)	2500
L*W*H mm (Hydraulic Unit)	1000*600*1750
Weight Kg (Hydraulic Unit)	950

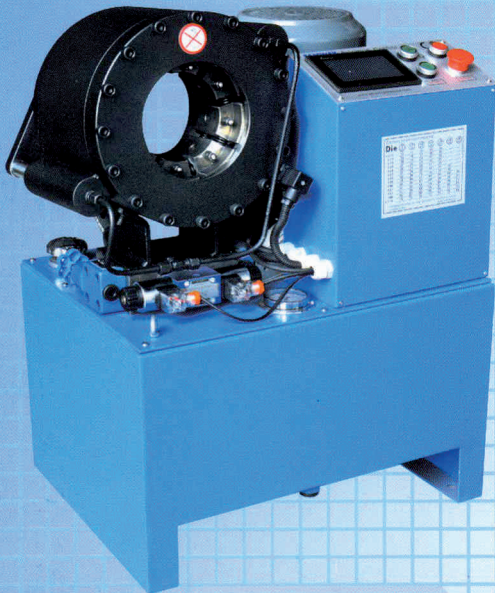




**TWINBRIDGE®**



**TWINBRIDGE® P32 P32M P51 P60 P202 P320**  
**TWINBRIDGE® Precision Crimping Machines**



**P32**



**P32M**



**P51**

Specification/Model	P32	P32M	P51
Crimping Force	420	420	550
Crimping Range	10-87	10-87	10-124
Control System	CNC Precision Control	Electrical	CNC Precision Control
Hydraulic Hose	2" 4SP	2" 4SP	2 1/2" 4SP
Industrial Hose	2 1/2"	2 1/2"	4"
Opening mm	+34	+34	+46
Crimping Speed Second	8	8	8
Power KW	3	3	4
Adapter Die	None	None	99
Die Sets	15 18 21 24 27 33 39 45 51 57 66	15 18 21 24 27 33 39 45 51 57 66	15 18 21 24 27 33 39 45 51 57 66 optional to 140
L*W*H mm	525*515*564	450*550*950	706*473*758
Weight Kg	280	400	480

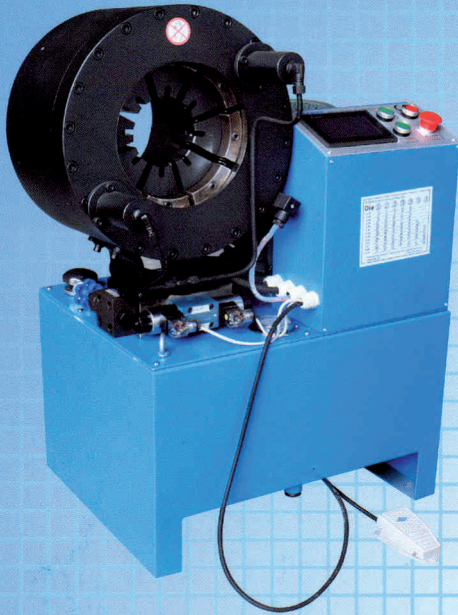
**TWINBRIDGE® P series Crimping Machine are mainly for small production purpose, precision and compact in design, ideal for most of your needs in hose assembly.**

**Main clients: RYCO,PIRTEK, PARKER USA, CATERPILAR etc.**





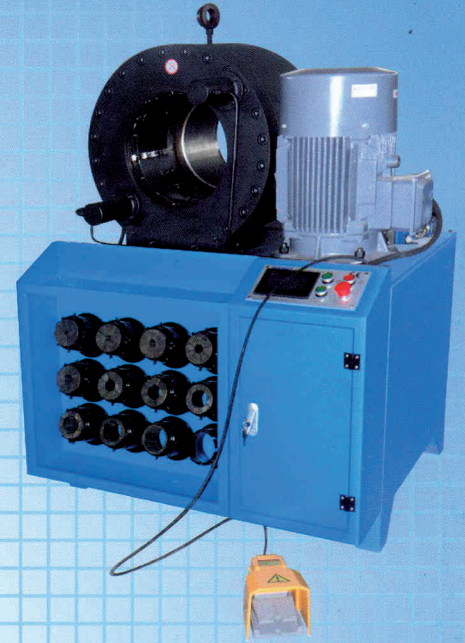
# TWINBRIDGE®



**P60**



**P202**



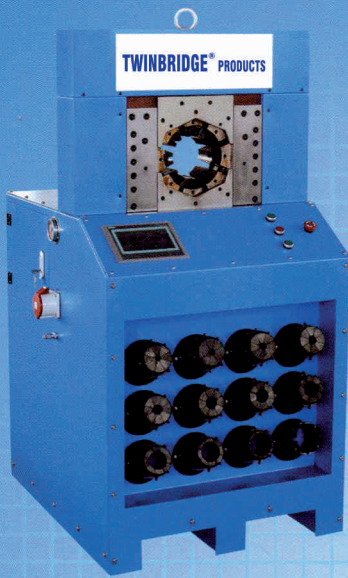
**P320**

Specification/Model	P60	P202	P320
Crimping Force	600	1500	2800
Crimping Range	10-180	10-202	10-290
Control System	CNC Precision Control	CNC Precision Control	CNC Precision Control
Hydraulic Hose	2 1/2" 4SP	3" 6SP	3" 6SP
Industrial Hose	6"	6"	10"
Opening mm	+30	+60	+60
Crimping Speed Second	8	8	12
Power KW	4	7.5	11
Adapter Die	99	99,140	99,140,200
Die Sets	15 18 21 24 27 33 39 45 51 57 66 optional to 180	15 18 21 24 27 33 39 45 51 57 66 optional to 200	15 18 21 24 27 33 39 45 51 57 66 optional to 320
L*W*H mm	806*580*1100	850*650*1150	950*1000*1450
Weight Kg	450	1000	1800

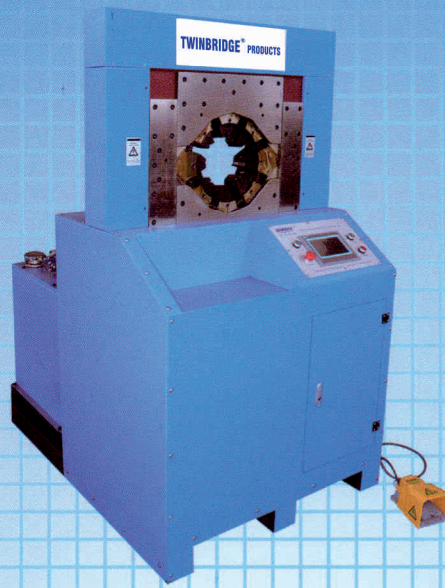




**TWINBRIDGE®**



**FP145**



**FP165**



**FP175**

Specification/Model	FP145	FP165	FP175
Crimping Force ton	350	500	1000
Crimping Range mm	10-140	10-202	10-320
Control System	Full Automatic SIEMENS Precision Digital Control		
Hydraulic Hose	2" 6SP	All	
Industrial Hose	4"	6"	10"
Opening mm	+86	+125	+150
Crimping Speed Second	6s	Vary	Vary
Power KW	SIEMENS 5.5	SIEMENS 11	SIEMENS 15
Adapter Die	80mm	80mm,140mm	80,140,202mm
Die Sets Rack	Embedded		
Standard Die Sets	15 18 21 24 27 33 39 45 51 57 66		
Quick Change System	Included		
Control by Pressure	Optional		
Foot Pedal	Standard		
Mechanical Back Stop	Optional		
Servo Back Stop	Optional		
Two Stage Crimp	Optional		
Protection Infrared	Optional		
Acoustic Sensor	Optional (For Insulator Assembly)		
L*W*H mm	1063*1450*1640	1060*1750*1895	1200*1950*2100
Weight Kg	1250	2850	5250

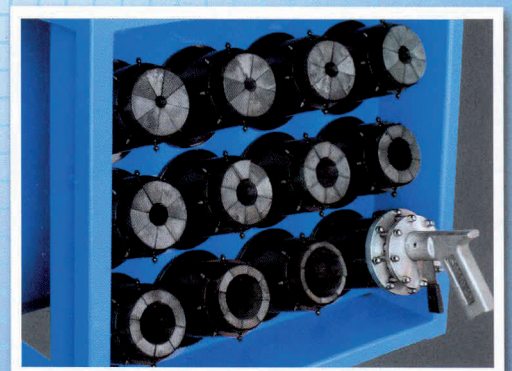
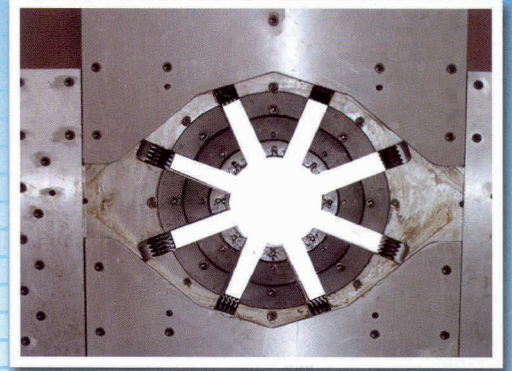




# TWINBRIDGE®



TWINBRIDGE® FP145 FP165 FP175  
TWINBRIDGE® Heavy Duty Crimping Machines



## FP175

TWINBRIDGE® FP series Crimping Machine are mainly for mass production purpose, high precision and high speed as well as more powerful crimping force, crimping force could be up to 2500 ton, and opening up to +450mm, crimping range up to 1200mm, Main clients: RYCO, PIRTEK, PARKER USA, CATERPILAR etc.

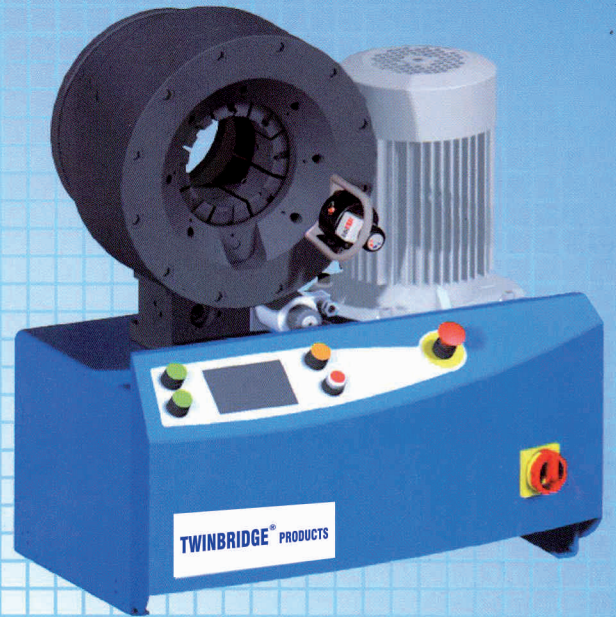




# TWINBRIDGE®



**PE38**



**PE58**

Specification/Model	PE38	PE58
Crimping Force ton	450	550
Crimping Range mm	10-80	10-140
Control System	CNC Precision Control	CNC Precision Control
Hydraulic Hose	2" 4SP	3" 6SP
Industrial Hose	2 1/2"	4"
Opening mm	+34	+54
Crimping Speed Second	8	8
Power KW	4	5.5
Adapter Die	None	80 mm
Die Sets	15 18 21 24 27 33 39 45 51 57 66	15 18 21 24 27 33 39 45 51 57 66 optional to 120
L*W*H mm	600*390*630	730*483*812
Weight Kg	280	450

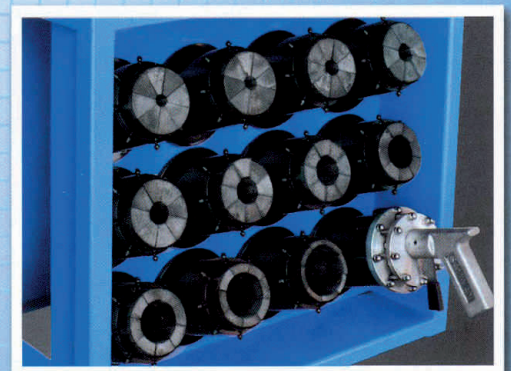
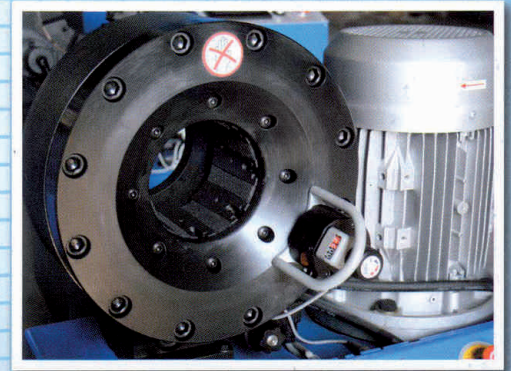




**TWINBRIDGE®**



**TWINBRIDGE® PE38 PE58**  
**TWINBRIDGE® Compact Crimping Machines**



**PE38**

**TWINBRIDGE® P series Crimping Machine are mainly for small production purpose, precision and compact in deign, ideal for most of your needs in hose assembly.**

**Main clients: RYCO,PIRTEK, PARKER USA, CATERPILAR etc.**

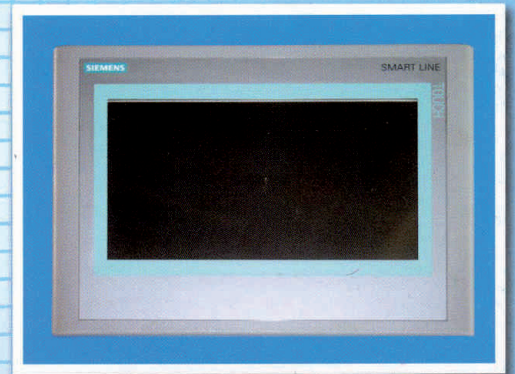
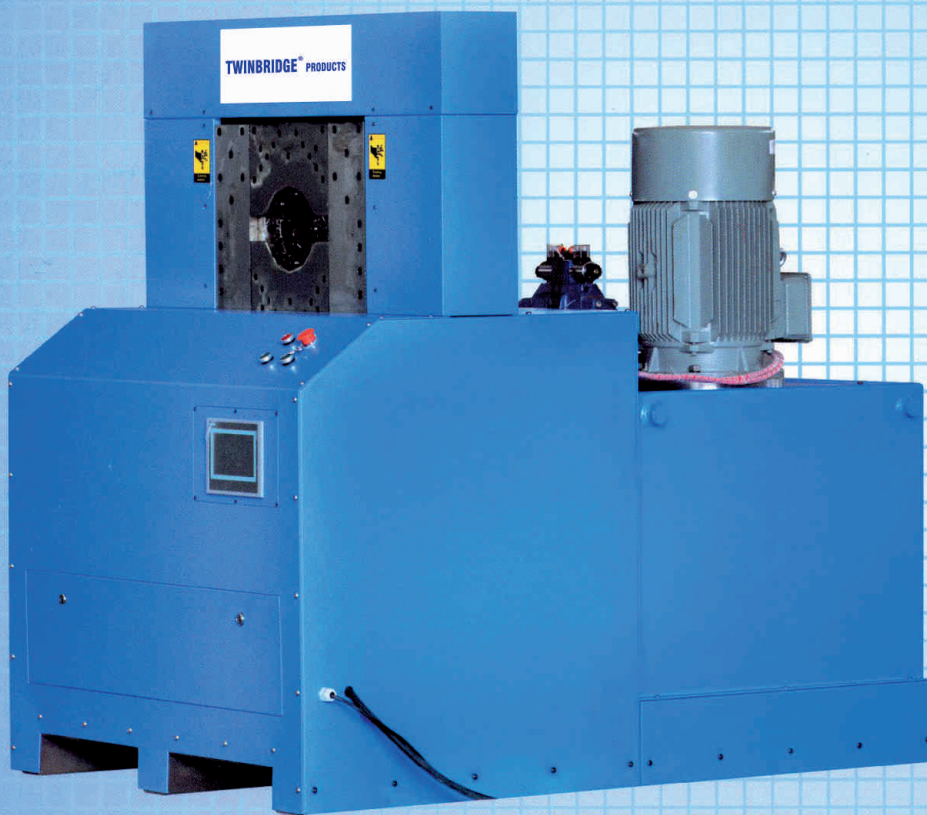




# TWINBRIDGE®



TWINBRIDGE® R350 R660 R1000  
TWINBRIDGE® Rebar Crimping Machine



## R1000

TWINBRIDGE® R series Crimping Machine are mainly for heavy duty applications like: Concrete Rebar and Insulators. SIEMENS High Precision Pressure Control is standard for all R series models.

Clients in Rebar Crimping Machine: BGW, PEIKKO, HALFEN etc.

Clients in Insulator Industry: SIEMENS, PFISTERER, etc.

Crimping force up to 2000 ton is available upon request.

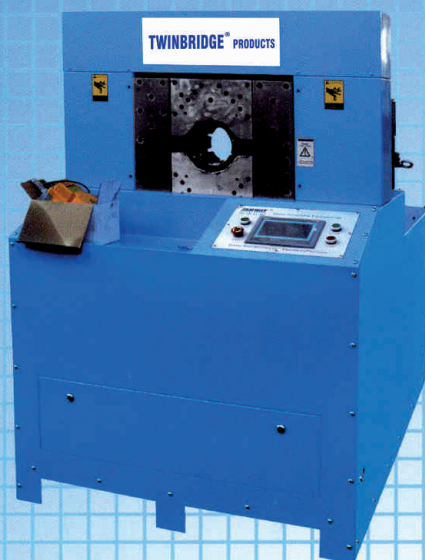




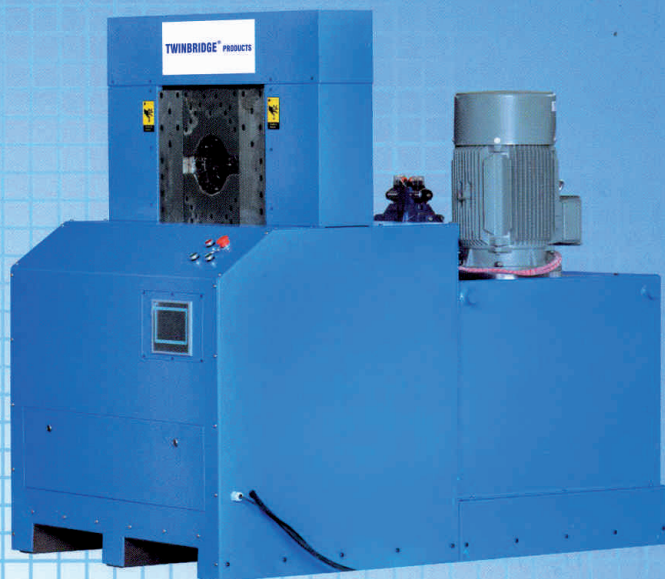
# TWINBRIDGE®



R350



R660



R1000

Specification/Model	R350	R660	R1000
Crimping Force ton	350	660	1000
Crimping Range Max mm	25	48	65
Control System	CNC Precision Control	CNC Precision Control	CNC Precision Control
Opening mm	+25	+25	+25
Crimping Speed Second	7	6	8
Power KW	7.5	11	11
Foot Pedal	Standard	Standard	Standard
Back Stop Device	Mechanical	Mechanical	Mechanical
L*W*H mm	1063*1350*1540	1060*1650*1795	1200*1850*1990
Weight Kg	1500	5500	7500

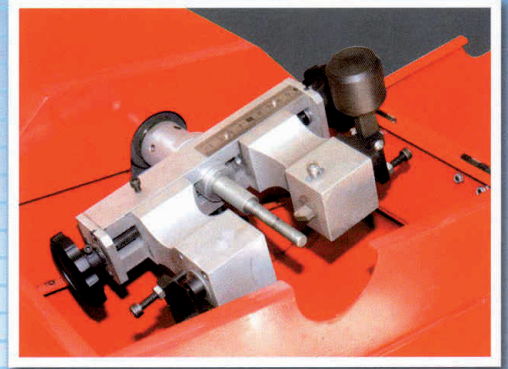




**TWINBRIDGE®**



TWINBRIDGE® Skiver32 Skiver51 Skiver51M  
TWINBRIDGE® Skiving Machine



# Skiver51

TWINBRIDGE® and cutting machine up to 12", both internal and external skiving, cutting machine for industry hose. Full automatic hose cut to length line also available upon request.





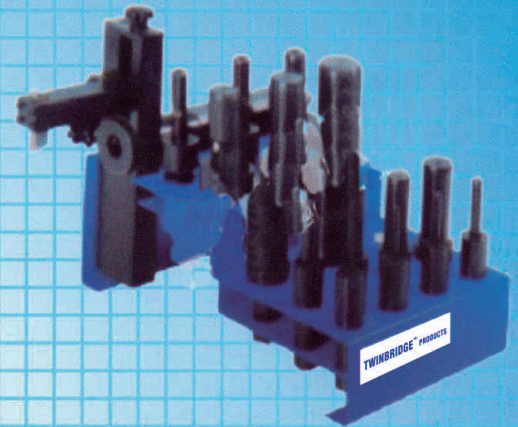
# TWINBRIDGE®



**Skiver 32**



**Skiver 51**



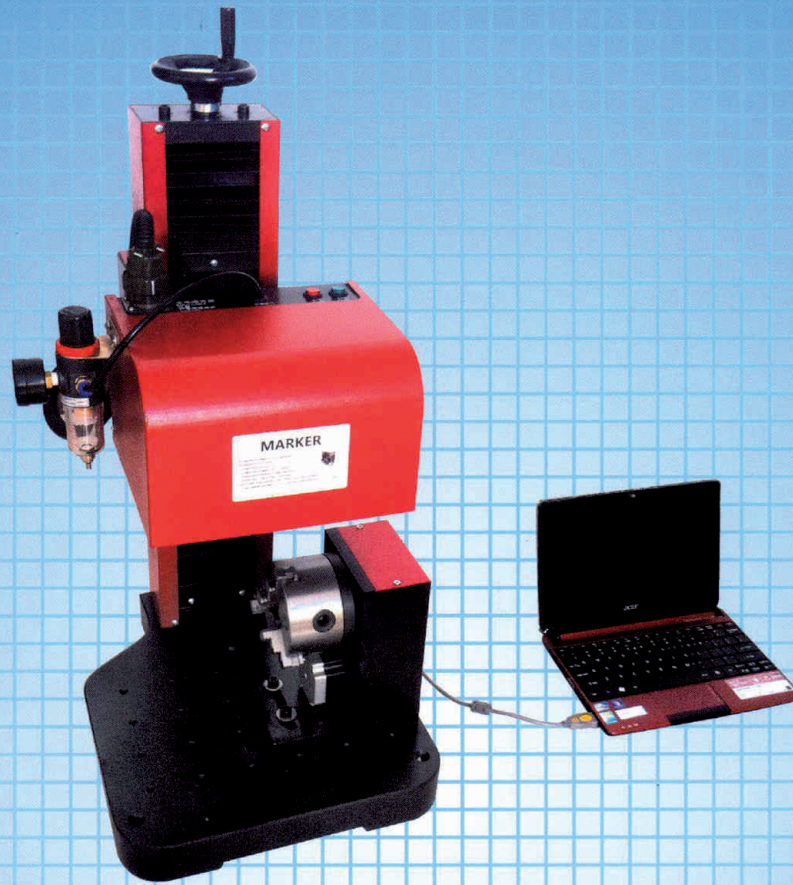
**Skiver 51M**

Specification/Model	Skiver 32	Skiver51	Skiver51M
Skiving Methods	Smart	Smart	Manual
Hydraulic Hose	1 1/4"	2"	2"
Skiving Tool	Internal and External	Internal and External	Internal and External
Gear Motor KW	0.37	0.37	None
Pneumatic Pusher	Option	Option	None
Simple Setting	Standard	Standard	None
Voltage	220V-480V/ 3PHASE 220V Single Phase	220V-480V/ 3PHASE 220V Single Phase	None
L*W*H mm	450*450*1250	450*450*1250	350*150*200
Weight Kg	150	195	68





**TWINBRIDGE® Full automatic fitting ferrule marking machine**



Specification/Model	M100
Marking Area	150*150*150 (mm)
Ferrule OD	Up to 150mm in diameter and 150mm in length
Marking Method	Computer Aided with 3 servo motor
Height	Adjustable
Cylindrical Marking	Standard included
Flat Surface Marking	Standard included
The Third Axis	Standard included
Characters	Any Via computer
Control	Full automatic via computer supplied
Support Type	Logo, characters, line, ruler, number, etc. Anything you can type into the computer or draw in the program.
Program Computer	Standard Included (Laptop Computer with marking softerware)
L*W*H mm	400*400*600
Weight Kg	100 (Packaged)

**Laser Engraving machine also available upone request.**





# TWINBRIDGE®



## TWINBRIDGE® C300 C400 C520 TWINBRIDGE® Cutting Machine



Specification/Model	C300 Compact
Cutting Blade D mm	320
Hydraulic Hose	2" 2SP
Motor KW	3
L*W*H mm	550*450*450
Weight Kg	68



Specification/Model	C400
Cutting Blade D mm	400
Hydraulic Hose	2" 4SP
Motor KW	3
L*W*H mm	780*550*1100
Weight Kg	150



Specification/Model	C520
Cutting Blade D mm	520
Hydraulic Hose	2" 6SP / 3" 4SP
Motor KW	5.5
L*W*H mm	850*720*1200
Weight Kg	250

Skiving and cutting machine up to 12", both internal and external skiving, cutting machine for industry hose. Full automatic hose cut to length line also available upon request.

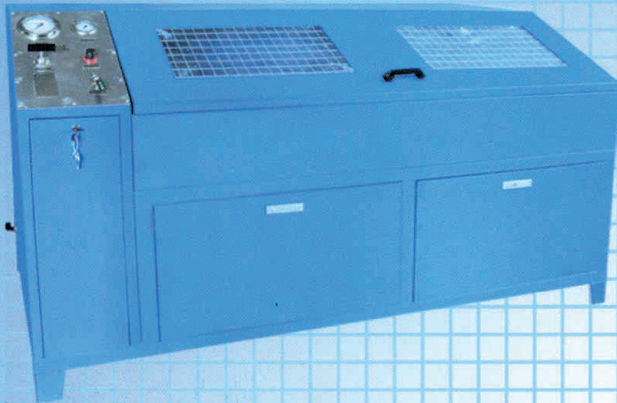




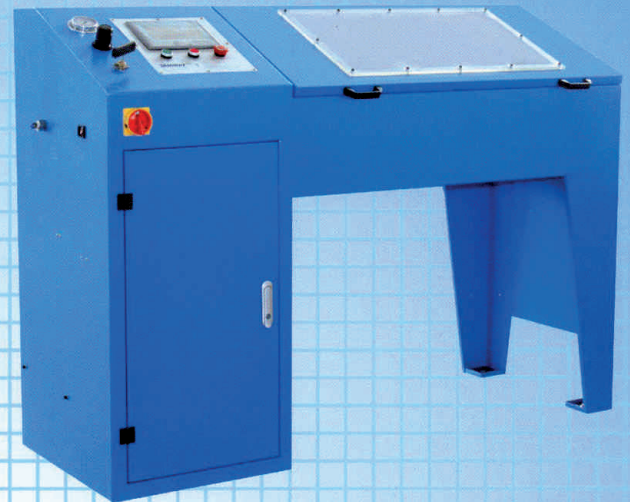
# TWINBRIDGE®



## TWINBRIDGE® T100 T130 T200 T440 T100M TWINBRIDGE® Pressure Testing Bench



T100/T130



T220

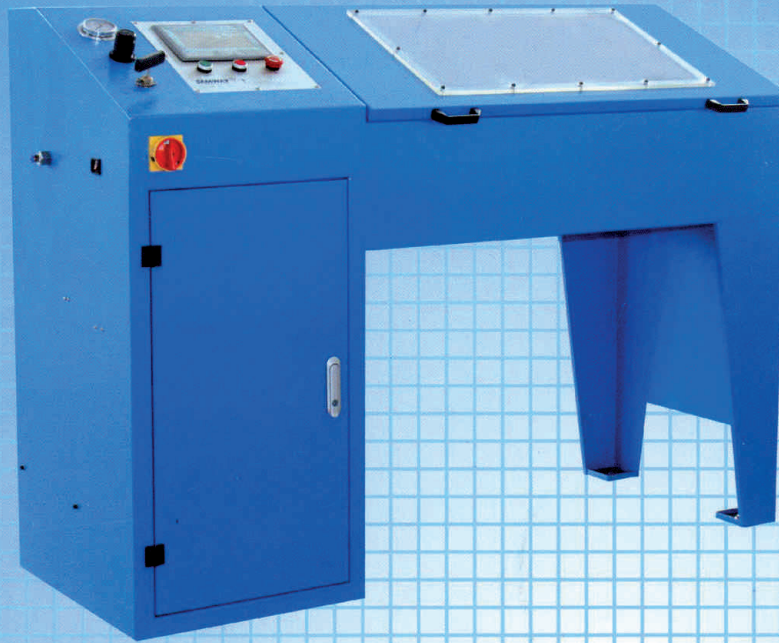
Specification/Model	T100	T130	T220
Pressure Max Mpa	100	130	220
Compressed Air	0-10BAR	0-10BAR	0-10BAR
Control	Manual	Manual	SIEMENS Automatic Control
Testing Liquid	Water	Water	Water
Light	Option	Option	Option
Printing Function	Option	Option	Option
Muti Hose Testing	Option	Option	Option
Air Pump	Made in USA	Made in USA	Germany imports
Control Precision Pressure	Option	Option	Option
L*W*H mm	2050*830*1210	2050*830*1210	1700*850*1250
Weight Kg	150	150	350

TWINBRIDGE® desgin and manufacture high quality hose and tube pressure testing bench up to 1500 Mpa, full automatic pulse testing machine available upon request.

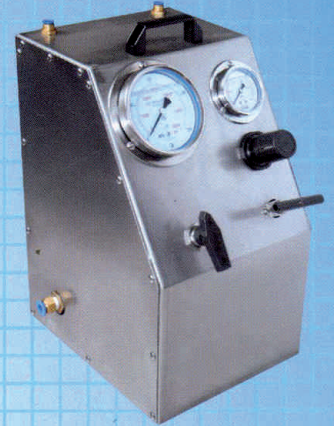




# TWINBRIDGE®



**T440**



**T100M**

Specification/Model	T440	T100M
Pressure Max Mpa	440	100
Compressed Air	0-10BAR	0-10BAR
Control	SIEMENS Automatic Control	Manual
Testing Liquid	Water	Water
Light	Option	Option
Printing Function	Option	Option
Muti Hose Testing	Option	Option
Air Pump	Germany imports	Made in USA
Control Precision Pressure	Option	Option
L*W*H mm	1700*850*1250	300*200*400
Weight Kg	360	20