

Balflex®



**HYDRAULIC
HOSE
ASSEMBLING
MACHINES
2018**



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P16_HP

ENERPAC MANUAL PUMP CRIMPING MACHINE 1"

TECHNICAL DATA	
Crimping range (mm)	10-45
Crimping force (kN)	955
Crimping force (tons)	95
Hose size (inches)	2 Wire DN25 - 1"
Diet set	P16
Max. opening (mm)	+20
Master die D/L (mm)	39/64
Control	Manual Gauge
Operation	Enerpac Hand Pump
Length (mm)	331
Width (mm)	401
Height (mm)	271
Total Weight (kg)	33



Option model 90.P16_HPZ



PART NUMBER	P16/6.8	P16/8	P16/10	P16/12	P16/14*	P16/16*	P16/19*	P16/23*	P16/27*	P16/31*
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31
L (mm)	25	25	55	55	55	55	55	55	70	70

* Standard die sets included; other are optional



P16_AP

ENERPAC AIR PUMP CRIMPING MACHINE 1"

TECHNICAL DATA	
Crimping range (mm)	10-45
Crimping force (kN)	955
Crimping force (tons)	137
Hose size (inches)	2 Wire DN25 - 1"
Diet set	P16
Max. opening (mm)	+20
Master die D/L (mm)	39/64
Control	Manual Gauge
Operation	Enerpac Air Pump
Length (mm)	331
Width (mm)	401
Height (mm)	271
Total Weight (kg)	38



PART NUMBER	P16/6.8	P16/8	P16/10	P16/12	P16/14*	P16/16*	P16/19*	P16/23*	P16/27*	P16/31*
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31
L (mm)	25	25	55	55	55	55	55	55	70	70

* Standard die sets included; other are optional

P20_HP

ENERPAC MANUAL PUMP CRIMPING MACHINE 1.1/2"

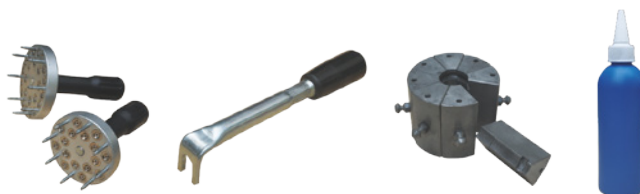
TECHNICAL DATA	
Crimping range (mm)	10-61
Crimping force (kN)	1370
Crimping force (tons)	137
Hose size (inches)	2 Wire Braid 1.1/2" (DN38) / 4 Spirals 1.1/4" (DN31)
Diet set	P20
Max. opening (mm)	+25
Master die D/L (mm)	84/80
Control	Manual Gauge
Operation	Enerpac Hand Pump
QC tool	Included
Length (mm)	550
Width (mm)	380
Height (mm)	380
Total Weight (kg)	102



PART NUMBER	P20/6.8	P20/8	P20/10	P20/12	P20/14**	P20/16**	P20/19**	P20/23**	P20/27**	P20/31**	P20/36**	P20/41**	P20/47**	P20/54
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0	36.0-41.0	41.0-47.0	47.0-54.0	54.0-61.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31	36	41	47	54
L (mm)	25	25	55	55	55	55	55	55	70	70	75	75	85	85

* Standard die sets included; other are optional

ACESSORIES

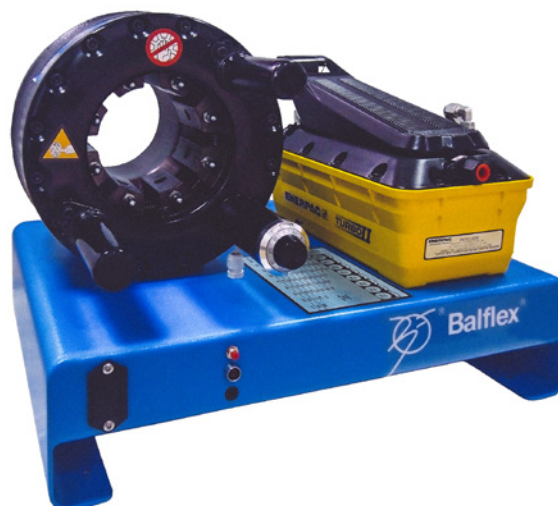




P20_AP

ENERPAC AIR PUMP CRIMPING MACHINE 1.1/2"

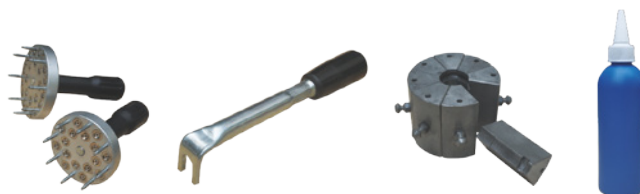
TECHNICAL DATA	
Crimping range (mm)	10-61
Crimping force (kN)	1370
Crimping force (tons)	137
Hose size (inches)	2 Wire Braid 1.1/2" (DN38) / 4 Spirals 1.1/4" (DN31)
Die set	P20
Max. opening (mm)	+25
Master die D/L (mm)	84/80
Control	Manual Gauge
Operation	Enerpac Air Pump
QC tool	Included
Length (mm)	550
Width (mm)	380
Height (mm)	380
Total Weight (kg)	105



PART NUMBER	P20/6.8	P20/8	P20/10	P20/12	P20/14*	P20/16*	P20/19*	P20/23*	P20/27*	P20/31*	P20/36*	P20/41*	P20/47*	P20/54
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0	36.0-41.0	41.0-47.0	47.0-54.0	54.0-61.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31	36	41	47	54
L (mm)	25	25	55	55	55	55	55	55	70	70	75	75	85	85

* Standard die sets included; other are optional

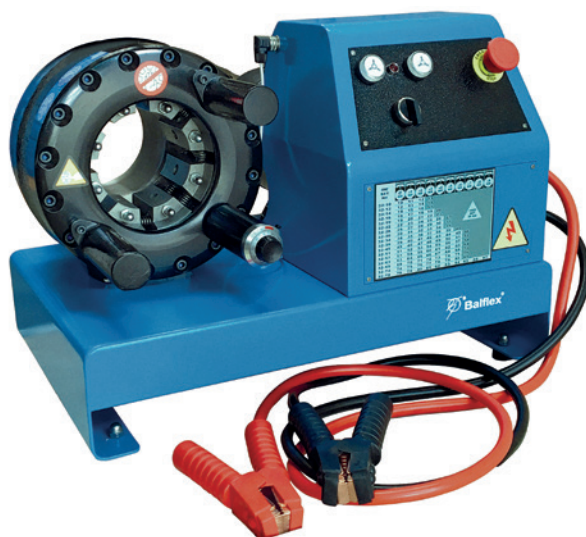
ACCESSORIES



P20_CS

12V BATTERY CRIMPING MACHINE 1.1/2"

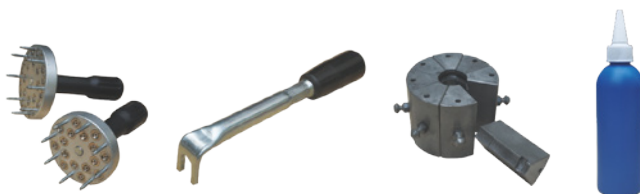
TECHNICAL DATA	
Crimping range (mm)	10-61
Crimping force (kN)	1370
Crimping force (tons)	137
Hose size (inches)	2 Wire Braid 1.1/2" (DN38) / 4 Spirals 1.1/4" (DN31)
Die set	P20
Max. opening (mm)	+25
Master die D/L (mm)	84/80
Control	Manual Gauge
Operation	12V / 210A Battery
QC tool	Included
Length (mm)	550
Width (mm)	380
Height (mm)	380
Total Weight (kg)	105



PART NUMBER	P20/6.8	P20/8	P20/10	P20/12	P20/14*	P20/16*	P20/19*	P20/23*	P20/27*	P20/31*	P20/36*	P20/41*	P20/47*	P20/54
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0	36.0-41.0	41.0-47.0	47.0-54.0	54.0-61.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31	36	41	47	54
L (mm)	25	25	55	55	55	55	55	55	70	70	75	75	85	85

* Standard die sets included; other are optional

ACESSORIES





P20

ELECTRIC CRIMPING MACHINE 1.1/2"

TECHNICAL DATA	
Crimping range (mm)	10-61
Crimping force (kN)	1370
Crimping force (tons)	137
Crimpings/hour	600/850
Noise Level (db(A))	71
Hose size (inches)	2 Wire Braid 1.1/2" (DN38) / 4 Spirals 1.1/4" (DN31)
Die set	P20
Max. opening (mm)	+25
Master die D/L (mm)	84/80
Control	Manual Gauge
Motor (kW)	3
Motor (HP)	4
Voltage (V)*	380 Tri-phasic
QC tool	Included
Pedal	Included
Die Set Rack	Included
Length (mm)	760
Width (mm)	560
Height (mm)	800
Total Weight (kg)	182

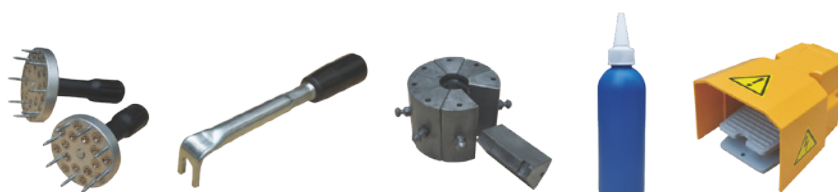


PART NUMBER	P20/6.8	P20/8	P20/10	P20/12	P20/14**	P20/16**	P20/19**	P20/23**	P20/27**	P20/31**	P20/36**	P20/41**	P20/47**	P20/54
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	23.0-27.0	27.0-31.0	31.0-36.0	36.0-41.0	41.0-47.0	47.0-54.0	54.0-61.0
D (mm)	6.8	8	10	12	14	16	19	23	27	31	36	41	47	54
L (mm)	25	25	55	55	55	55	55	55	70	70	75	75	85	85

* Other voltage on request

** Standard die sets included; other are optional

ACCESSORIES



P32

ELECTRIC CRIMPING MACHINE 2"

TECHNICAL DATA	
Crimping range (mm)	10-87
Crimping force (kN)	2000
Crimping force (tons)	200
Crimpings/hour	700/850
Noise Level (db(A))	71
Hose size (inches)	2 Wire Braid 2" (DN51) / 4 Spirals 2" (DN51)
Die set	P32
Max. opening (mm)	+33
Master die D/L (mm)	99/80
Control	Manual Gauge
Motor (kW)	4
Motor (HP)	5.3
Voltage (V)*	380 Tri-phasic
QC tool	Included
Pedal	Included
Die Set Rack	Included
Length (mm)	760
Width (mm)	560
Height (mm)	800
Total Weight (kg)	265

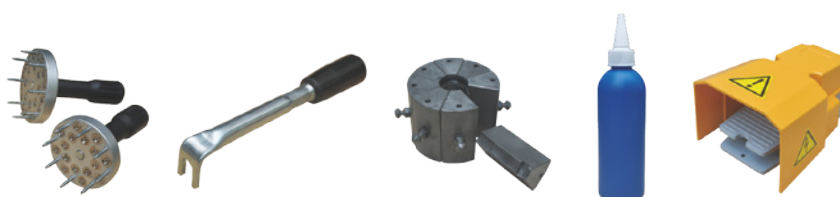


PART NUMBER	P32/6.8	P32/8	P32/10	P32/12	P32/14 **	P32/16 **	P32/19 **	P32/22 **	P32/26 **	P32/30 **	P32/34 **	P32/39 **	P32/45 **	P32/51 **	P32/57 **	P32/63 **	P32/69 **	P32/74	P32/78
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	22.0-26.0	26.0-30.0	30.0-34.0	34.0-39.0	39.0-45.0	45.0-51.0	51.0-57.0	57.0-63.0	63.0-69.0	69.0-75.0	74.0-80.0	78.0-87.0
D (mm)	6.8	8	10	12	14	16	19	22	26	30	34	39	45	51	57	63	69	74	78
L (mm)	25	25	55	55	55	55	55	70	70	70	75	75	90	90	100	110	110	110	110

* Other voltage on request

** Standard die sets included; other are optional

ACESSORIES





P32D

ELECTRIC CRIMPING MACHINE 2" with Digital Display (PLC) and Control

TECHNICAL DATA	
Crimping range (mm)	10-87
Crimping force (kN)	2000
Crimping force (tons)	200
Crimpings/hour	700/850
Noise Level (db(A))	71
Hose size (inches)	2 Wire Braid 2" (DN51) / 4 Spirals 2" (DN51)
Die set	P32
Max. opening (mm)	+33
Master die D/L (mm)	99/80
Control	PLC (Siemens) Language free - Graphic Symbols
Siemens Motor (kW)	4
Siemens Motor (HP)	5.3
Voltage (V)*	380 Tri-phasic
QC tool	Included
Pedal	Included
Die Set Rack	Included
Length (mm)	760
Width (mm)	560
Height (mm)	800
Total Weight (kg)	265

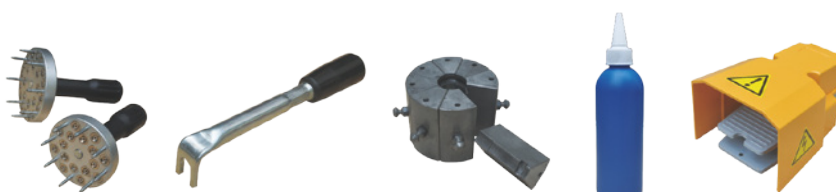


PART NUMBER	P32/6.8	P32/8	P32/10	P32/12	P32/14 **	P32/16 **	P32/19 **	P32/22 **	P32/26 **	P32/30 **	P32/34 **	P32/39 **	P32/45 **	P32/51 **	P32/57 **	P32/63 **	P32/69 **	P32/74	P32/78
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	22.0-26.0	26.0-30.0	30.0-34.0	34.0-39.0	39.0-45.0	45.0-51.0	51.0-57.0	57.0-63.0	63.0-69.0	69.0-75.0	74.0-80.0	78.0-87.0
D (mm)	6.8	8	10	12	14	16	19	22	26	30	34	39	45	51	57	63	69	74	78
L (mm)	25	25	55	55	55	55	55	70	70	70	75	75	90	90	100	110	110	110	110

* Other voltage on request

** Standard die sets included; other are optional

ACCESSORIES



P120

ELECTRIC CRIMPING MACHINE up to R15 Hose - 2" with Digital Display (PLC) and Control

TECHNICAL DATA	
Crimping range (mm)	10-87
Crimping force (kN)	2800
Crimping force (tons)	280
Crimpings/hour	3000 (on 1/2")
Noise Level (db(A))	71
Hose size (inches)	2 Wire Braid 2" (DN51) / 6 Spirals 2" (DN51)
Die set	P32
Max. opening (mm)	66
Master die D/L (mm)	99/97
Control	PLC (Siemens) Language free - Graphic Symbols
Siemens Motor (kW)	5.5
Siemens Motor (HP)	7.5
Voltage (V)*	380 Tri-phasic
Quick Change (QC) tool	Included
Foot Pedal	Included
Die Set Rack	Included
Back Stop	Included
Dimensions / crimping unit (mm)	length 940 width 800 height 1635
Dimensions / hydraulic unit (mm)	length 820 width 640 height 992
Total Weight (kg) (without Oil)	1150
Oil Tank capacity (liter)	140

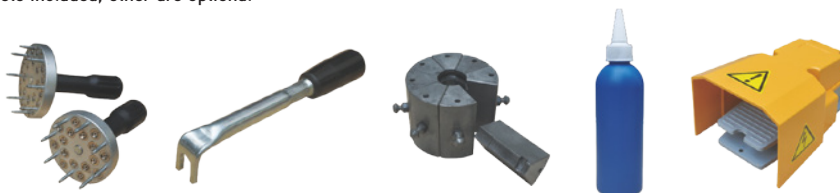


PART NUMBER	P32/6.8	P32/8	P32/10	P32/12	P32/14 **	P32/16 **	P32/19 **	P32/22 **	P32/26 **	P32/30 **	P32/34 **	P32/39 **	P32/45 **	P32/51 **	P32/57 **	P32/63 **	P32/69 **	P32/74 **	P32/78
CRIMPING RANGE (mm)	6.8-8.8	8.0-10.0	10.0-12.0	12.0-14.0	14.0-16.0	16.0-19.0	19.0-23.0	22.0-26.0	26.0-30.0	30.0-34.0	34.0-39.0	39.0-45.0	45.0-51.0	51.0-57.0	57.0-63.0	63.0-69.0	69.0-75.0	74.0-80.0	78.0-87.0
D (mm)	6.8	8	10	12	14	16	19	22	26	30	34	39	45	51	57	63	69	74	78
L (mm)	25	25	55	55	55	55	55	70	70	70	75	75	90	90	100	110	110	110	110

* Other voltage on request

** Standard die sets included; other are optional

ACESSORIES





V100

LOW PRESSURE CRIMPING MACHINE

TECHNICAL DATA	
Crimping range (mm)	9-30mm
Diet set	2 sets (DN3-8 ; DN10-16)
Operation	Manual
Length (mm)	350
Width (mm)	235
Height (mm)	760
Total Weight (kg)	17,5



SK50

ELECTRIC SKIVING MACHINE 2"

TECHNICAL DATA	
Internal Skiving Range	3/4" (DN19) - 2" (DN51)
External Skiving Range	1/4" (DN6) - 2" (DN51)
Internal Skiving tools	6
External Skiving tools	10
Speed of Tool Rotation (r/min)	145
Motor (kW)	0.4
Motor (HP)	0.53
Voltage (V)*	380 Tri-phasic
Noise Level (db(A))	55
Pedal	Included
Length (mm)	400
Width (mm)	300
Height (mm)	1050
Total Weight (kg)	57

* Other voltage on request

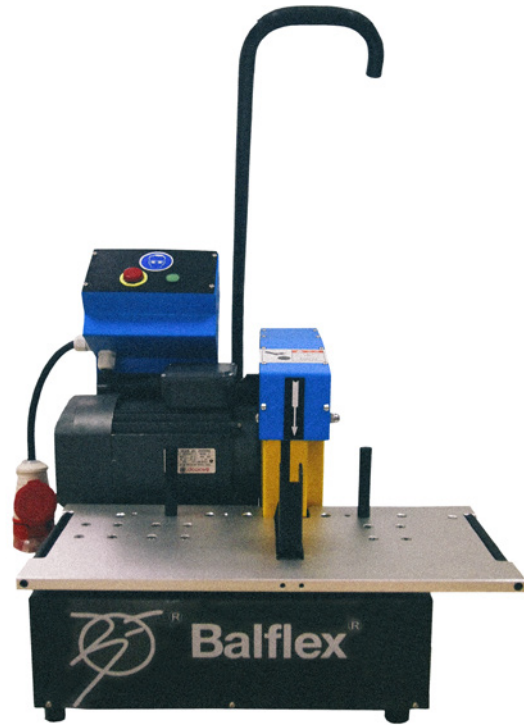


CM50

ELECTRIC CUTTING MACHINE 2"

TECHNICAL DATA	
Serrated Blade (mm)	300X4.5X32
Frequency 50Hz (rpm)	2850
Frequency 60Hz (rpm)	3370
Motor (kW)	4
Motor (HP)	5.3
Voltage (V)*	380 Tri-phasic
Noise Level (db(A))	65
Length (mm)	545
Width (mm)	550
Height (mm)	580
Total Weight (kg)	78

* Other voltage on request





CM400

ELECTRIC CUTTING MACHINE UP TO 2" SIX SPIRALS

TECHNICAL DATA	
Serrated Blade (mm)	400X4.0X50
Frequency 50Hz (rpm)	2850
Frequency 60Hz (rpm)	3370
Motor (kW)	5.5
Motor (HP)	7.5
Voltage (V)*	380 Tri-phasic
Noise Level (db(A))	65
Length (mm)	750
Width (mm)	760
Height (mm)	1200
Total Weight (kg)	195

* Other voltage on request



CM400_AP

ELECTRIC CUTTING MACHINE UP TO 2" SIX SPIRALS WITH PNEUMATIC INPUT

TECHNICAL DATA	
Serrated Blade (mm)	400X4.0X50
Frequency 50Hz (rpm)	2850
Frequency 60Hz (rpm)	3370
Pneumatic input Min. (Bar)	4
Motor (kW)	5.5
Motor (HP)	7.5
Voltage (V)*	380 Tri-phasic
Noise Level (db(A))	65
Length (mm)	1020
Width (mm)	660
Height (mm)	1380
Total Weight (kg)	197

* Other voltage on request



DM.7

HOSE REEL 7 PLATES

MODEL	DM.7
Number of Plates	7
Material	Steel
Reel Diameter	1100mm
LxWxH	1250 x 1150 x 1550mm

* Other design on request





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