



Model	P20X	P20	P21	P32X	P32	P51	P60
Crimping range (mm) 1	10 — 61	10 — 61	10 — 61	10 — 87	10 — 87	10—87 (124)7	10—87 (124)7
Crimping range (inches) 1	0.39 — 2.40	0.39 — 2.40	0.39 — 2.40	0.39 — 3.42	0.39 — 3.42	.39- 3.42(4.88)7	.39- 3.42(4.88)7
Crimping force (kN)	1370	1370	1370	2000	2000	2800	2600
Crimping force (tonnage)	137	137	137	200	200	280	260
Crimpings / hour 2	340	250 / 850 6	250 / 850 6	230	200 / 850 6	720	720
Hose size (inches)	1½	1½	1½	2	2	2½ / 4 8	2½ / 4 8
Die set 3	P20	P20	P20	P32	P32	P32 7	P32 7
Max. opening (mm) 4	+25	+25	+34	+33	+33	+46	+64
Master die D / L (mm)	84 / 80	84 / 80	84 / 80	99 / 80	99 / 80	140 / 120	140 / 120
Master die D / L (inches)	3.31 / 3.15	3.31 / 3.15	3.31 / 3.15	3.90 / 3.15	3.90 / 3.15	5.52 / 4.73	5.52 / 4.73
Control	MS	MS / IS / VS	MS / IS / VS	MS	MS / IS / VS	IS / VS	IS / VS
Motor (kW)	2.2	1.5 / 3 6	1.5 / 3 6	2.2	1.5 / 4 6	4	4
Motor (HP)	3.0	2.0 / 4.0 6	2.0 / 4.0 6	3.0	2.0 / 5½ 6	5½	5½
QC tool 14	O	O	O	O	O	O	O
Foot pedal 15	—	O	O	—	O	O	O

Control unit: integrated	X	X	X	X	X	X	X
Control unit: C1	—	—	—	—	—	—	—
Control unit C2	—	—	—	—	—	—	—
Back stop device: mechanic	O	O	O	O	O	O	O
Back stop device: electric 15	—	X	X	—	X	X	X
Mirror	—	—	—	—	—	—	—
Pressure control P1 16	—	—	—	—	—	—	—
Pressure control P2 16	O	O	O	O	O	O	O
AGS auto greasing 16	—	—	—	—	—	—	—
Remotic control unit	—	—	—	—	—	—	—
Counter L1, L2, L3	—	—	—	—	—	—	—
ASCII signal 17	—	O	O	—	O	O	O
VS PLUS control 17	—	—	—	—	—	—	—
Length (mm)	525	597	597	632	597	706	706
Width (mm)	515	475	475	521	536	473	473
Height (mm)	564	609	640	567	630	758	758
Length (inches)	20.7	23.6	23.6	24.9	23.6	27.8	27.8

Width (inches)	20.3	18.7	18.7	20.6	21.2	18.7	18.7
Height (mm)	22.3	24	25.2	22.4	24.9	29.9	29.9
Weight (kg)	110	130	186	150	178	260	260
Weight (lbs)	243	287	410	331	392	573	573

X = standard O = optional — = not available (1) With standard dies. Crimping range can be increased with special dies.

(2) Theoretical with ½ hose, diameter 10 mm. (3) See table for die set data. (4) Maximum opening is the total die travel.

Add this value to the minimum crimping diameter of the die set used. The result is the maximum opening of the machine with

die set in place. (5) 12V / 24V. Overload controlled. (6) 1-phase / 3-phase. (7) FP140 dies can be used without adapter dies.

(8) Hydraulic hose / industrial hose. (9) With adapter dies. (10) Hose cutter. (11) Full cycle. (12) Die travel / feeding channel. (13) NC20, NC30 and NC40 dies can be used. (14) Available for P20, P32 and

CC22 dies. (15) Not available in MS control. (16) Technical implementation varies depending on the machine model. Please verify the suitability of the option

from your distributor. (17) Available in VS models only.