



Lillbacka USA



FP COMPARISON

TECHNICAL DATA	FP20	FP120	FP140	FP145	FP160	FP165	FP170	FP175
Max crimping dia (mm) ¹⁾	61	87	124	124	202	202	320	320
Max crimping dia (inch) ¹⁾	2.67	3.42	4.88	4.88	7.95	7.95	12.60	12.60
Max. crimping force (kN)	1500	2800	3200	3500	3500	5000	6600	8300
Max. crimping force (tonnage)	150	280	320	350	350	500	660	830
Cycle time 10 mm (s) ²⁾	1.9 (S-model: 1.4)	1.8 (S-model: 1.6)	2.3	2.5	2.3 (S-model: 1.8)	3.6 (S-model: 2.7)	3.1	3.2
Hose size ID (inch)	1 1/2 (4SH)	2 (4SH)	2 1/2 (4SH) / 4 ³⁾	2 1/2 (4SH) 2 (6SH) / 4 ³⁾	6	6	10	10
Die set series ³⁾	20	32	32 ⁴⁾ / 140	32 ⁴⁾ / 140 / 145	32 / 160	32 / 160	32 ³⁾ / 160 ³⁾ / 170	32 ³⁾ / 160 ³⁾ / 170
Max. opening (mm) ⁴⁾	+68	+68	+82	+82	+125	+125	+155	+155
Max. opening without dies (mm)	152	167	222	222	345	345	475	475
Master die D/L (mm)	84/97	99/97	140/97	140/116	220/116	220/116	320/220	320/220
Master die D/L (inch)	3.90/3.82	3.90/3.82	5.52/4.82	5.52/4.57	8.66/4.57	8.66/4.57	12.60/8.66	12.60/8.66
Motor Power (kW/HP)	3.0/4.0	6.5/8.8	6.5/8.8	6.5/8.8	6.5/8.8	6.5/8.8	7.5/10	11/15
Oil tank volume	135 l	135 l	135 l	135 l	135 l	135 l	250 l	250 l
DIMENSIONS (LxWxH)								
Machine (mm)	1112x713x1475	881x664x1561	881x664x1561	881x683x1561	940x860x1784	1060x860x1825	1200x936x2220	1200x936x2220
Hydraulic Unit (mm)		782x751x1063	782x751x1063	782x751x1063	713x705x1060	713x705x1060	1195x705x1411	1195x705x1411
Machine (inch)	43.7x28.0x58.1	34.7x26.1x61.5	34.7x26.1x61.5	34.7x26.9x61.5	37x33.9x70.2	41.7x33.9x71.9	47.3x36.9x81.9	47.3x36.9x81.9
Hydraulic Unit (inch)		30.8x29.6x41.9	30.8x29.6x41.9	30.8x29.6x41.9	28x27.8x41.7	28x27.8x41.7	47.0x27.8x44.9	47.0x27.8x44.9
WEIGHT (KG/LBS)								
Machine		875/1925	905/1991	1053/2317	2020/4444	2480/5412	4400/9669	4455/9801
Hydraulic Unit		220/484	220/484	220/484	182/407	182/407	265/671	305/671
Compact setup	654/1439	1060/2332						

1) With standard dies. Crimping range can be increased with special dies.
 2) Theoretical with 10mm cycle.
 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.

