

CRIMPING MACHINES

MHP 80

FIELD SERVICE & MOBILE WORKSHOP

HAND PUMP, PORTABLE



KEY ADVANTAGES

- Compact
- Lightweight
- Easy to use
- Balanced design
- Dual stage pump

MAIN APPLICATIONS

Dedicated to repair shops or maintenance departments making low volumes of small and medium sized hose assemblies. Also ideal for carrying out on-site repairs.

TECHNICAL SPECIFICATIONS

Dimensions:	330 x 250 x 400 mm (13 x 10 x 16")	Crimp Range:	4 - 43 mm (0.157 - 1.693")
Net Weight:	28 kg (62 lb)	Crimp Force:	80 t
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Opening with Dies:	+20 mm (+0.787")
Gross Weight:	41 kg (90 lb)	Complete Opening:	59 mm (2.323")
Capacity:	2wb: 1" max. 4ws: 1/2" max.	Master Die Length:	56 mm (2.205")
		Standard Dies:	15, 18, 21, 24, 27, 30, 39

Technical Features:

- Hand pump: 5000 psi (double speed)
- Options available: hydropneumatic pump

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit	1"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit	1/2"	Rockmaster/12; Rockmaster/4SP; Shieldmaster 6000 (DN10 & DN12 spiral)

ORDERING INFORMATION

Product Code	Description
EOA3110NMHP80	MHP 80 (NO DIES)
EOA3110NMHP80PPPM	MHP 80 MANUAL PUMP + PPPM

CRIMPING MACHINES

MHP 80

FIELD SERVICE & MOBILE WORKSHOP

HAND PUMP, PORTABLE

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3110N80-06	Die set n. 06 - length 56 mm	6	06-08	56	2.205
ESA3220NL056D008L2	Die set n. 08 - length 56 mm	8	08-10	56	2.205
ESA3110N80-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3110N80-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3110N80-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3110N80-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3110N80-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3110N80-24	Die set n. 24 - length 56 mm	24	24-27	56	2.205
ESA3110N80-27	Die set n. 27 - length 56 mm	27	27-30	56	2.205
ESA3110N80-30	Die set n. 30 - length 56 mm	30	30-43	56	2.205
ESA3110NH80KT	Kit 6 dies MHP80/HCRIMP80 (n.15 to n.30)	-	-	-	-

CRIMPING MACHINES



MHP 137

FIELD SERVICE & MOBILE WORKSHOP

HAND PUMP, PORTABLE

KEY ADVANTAGES

- High capacity
- Narrow head
- Audio-visual signal
- 350 bar technology more robust & reliable than 700 bar
- Large opening

MAIN APPLICATIONS

Dedicated to repair shops or maintenance departments making low volumes of small and medium sized hose assemblies. Can also be used in a vehicle for on-site repairs.

TECHNICAL SPECIFICATIONS

Dimensions:	480 x 250 x 340 mm (19 x 10 x 13")	Crimp Range:	4 - 70 mm (0.157 - 2.756")
Net Weight:	55 kg (121 lb)	Crimp Force:	137 t
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Opening with Dies:	+28 mm (+1.102")
Gross Weight:	75 kg (165 lb)	Complete Opening:	100 mm (3.937")
Capacity:	2wb: 1 1/4" max. 4ws: 1 1/4" max.	Master Die Length:	75 mm (2.362")
Technical Features:	Options available: Hydropneumatic pump		
		Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51 and Refrifast dies 14, 18, 21

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4" (with extra dies 45/51)	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4" (with extra dies 45/51)	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	3/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex

ORDERING INFORMATION

Product Code	Description
EOA3110NMHP137P2	MHP 137
EOA3110NMHP137PHP	MHP 137 HP
EOA3110NMHP137PHPM	MHP 137 HPM

CRIMPING MACHINES

MHP 137

FIELD SERVICE & MOBILE WORKSHOP

HAND PUMP, PORTABLE

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-6	Die set n. 6 - length 56 mm	6	06-08	56	2.205
ESA3220NL56-8	Die set n. 8 - length 56 mm	8	08-10	56	2.205
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-17	Die set n. 17 - length 56 mm	17	17-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-20	Die set n. 20 - length 56 mm	20	20-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3220N137-24	Die set n. 24 - length 56 mm	24	24-27	56	2.205
ESA3220N137-27	Die set n. 27 - length 56 mm	27	27-30	56	2.205
ESA3220N137-30	Die set n. 30 - length 56 mm	30	30-33	56	2.205
ESA3220N137-33	Die set n. 33 - length 70 mm	33	33-36	70	2.756
ESA3220N75-36	Die set n. 36 - length 75 mm	36	36-39	75	2.953
ESA3220N137-39	Die set n. 39 - length 70 mm	39	39-42	70	2.756
ESA3320N140-42	Die set n. 42 - length 70 mm	42	42-45	70	2.756
ESA3220N137-45	Die set n. 45 - length 70 mm	45	45-48	70	2.756
ESA3220N137-48	Die set n. 48 - length 70 mm	48	48-51	70	2.756
ESA3220N137-51	Die set n. 51 - length 75 mm	51	51-57	75	2.953
ESA3220N137KT	Kit 10 dies MB137/S/MV137(n.15 to n.48)	-	-	-	-
ESA3220N137KT9J	Kit 9 dies MB137/S/MV137 (n.15 to n.48)	-	-	-	-
ESA3220NKT6J	Kit 6 dies MB137/S/MV137 (n.15 to n.39)	-	-	-	-
ESA3220N137KTF	Kit 13 dies MB137/S/MV137(n.15 to n.51)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES



MB 137 PLUS

SMALL SERVICE WORKSHOP (1 1/4" 4WS)

BENCHTOP

KEY ADVANTAGES

- Compact, short head
- Micrometer and cylinder protection
- Large opening
- Die storage included
- Easy to move
- Accurate
- Easy die set up
- Ergonomic design

MAIN APPLICATIONS

Dedicated to maintenance departments or repair shops, as well as hose distributors.

TECHNICAL SPECIFICATIONS

Dimensions:	600 x 650 x 550 mm (24 x 26 x 22")	Motor:	2.2 kW
Net Weight:	120 kg (265 lb)	Noise Level:	72 dB A
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Crimp Range:	4 - 70 mm (0.157 - 2.756")
Gross Weight:	130 kg (287 lb)	Crimp Force:	137 t
Voltages:	220/240 V, 3Ph, 50 Hz	Opening with Dies:	+28 mm (+1.102")
	380/415 V, 3Ph, 50 Hz	Complete Opening:	100 mm (3.937")
	208/240 V, 3Ph, 60 Hz	Master Die Length:	75 mm (2.953")
	380/415 V, 3Ph, 60 Hz	Standard Dies:	15, 18, 21, 24, 27, 30, 33
Capacity:	2wb: 1 1/4" max.		36, 39, 42, 45, 48, 51
	4ws: 1 1/4" max.	Technical Features:	Other voltages available on request

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	3/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MB 137 PLUS

SMALL WORKSHOP SERVICE (1 1/4" 4WS)

BENCHTOP

ORDERING INFORMATION

Product Code	Description
EOA3224NMB137	MB 137+ 380/415V 3PH 50HZ
EOA3227NMB137	MB 137+ 220/240V 3PH 50HZ
EOA3229NMB137	MB 137+ 208/240V 3PH 60HZ
EOA322BNMB137	MB 137+ 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-6	Die set n. 6 - length 56 mm	6	06-08	56	2.205
ESA3220NL56-8	Die set n. 8 - length 56 mm	8	08-10	56	2.205
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-17	Die set n. 17 - length 56 mm	17	17-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-20	Die set n. 20 - length 56 mm	20	20-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3220N137-24	Die set n. 24 - length 56 mm	24	24-27	56	2.205
ESA3220N137-27	Die set n. 27 - length 56 mm	27	27-30	56	2.205
ESA3220N137-30	Die set n. 30 - length 56 mm	30	30-33	56	2.205
ESA3220N137-33	Die set n. 33 - length 70 mm	33	33-36	70	2.756
ESA3220N75-36	Die set n. 36 - length 75 mm	36	36-39	75	2.953
ESA3220N137-39	Die set n. 39 - length 70 mm	39	39-42	70	2.756
ESA3320N140-42	Die set n. 42 - length 70 mm	42	42-45	70	2.756
ESA3220N137-45	Die set n. 45 - length 70 mm	45	45-48	70	2.756
ESA3220N137-48	Die set n. 48 - length 70 mm	48	48-51	70	2.756
ESA3220N137-51	Die set n. 51 - length 75 mm	51	51-57	75	2.953
ESA3220N137KT	Kit 10 dies MB137+/S/MV137(n.15 to n.48)	-	-	-	-
ESA3220N137KT9J	Kit 9 dies MB137+/S/MV137 (n.15 to n.48)	-	-	-	-
ESA3220NKT6J	Kit 6 dies MB137+/S/MV137 (n.15 to n.39)	-	-	-	-
ESA3220N137KTF	Kit 13 dies MB137+/S/MV137(n.15 to n.51)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES



MB 240

PROFESSIONAL WORKSHOP

BENCHTOP

KEY ADVANTAGES

- Ergonomic micrometer
- Radial die movement
- High crimping force
- Electronic control including counters and semi-automatic opening
- Built-in safety system to prevent incorrect die choice
- Cylinder protection
- Easy front access for elbow fittings
- Energy savings

MAIN APPLICATIONS

Dedicated to hydraulic maintenance specialists working on medium sized machines and equipment. Also suitable for assemblers involved in medium sized hoses and quantities.

TECHNICAL SPECIFICATIONS

Dimensions:	1120 x 670 x 915 mm (44 x 26 x 36")	Motor:	4.0 kW
Net Weight:	190 kg (419 lb)	Noise Level:	66 dB A
Packaging:	1170 x 770 x 1100 mm (46 x 30 x 43")	Crimp Range:	4 - 76 mm (0.157 - 2.992")
Gross Weight:	234 kg (516 lb)	Crimp Force:	240 t
Voltages:	220/240 V, 3Ph, 50 Hz	Opening with Dies:	+38 mm (+1.496")
	380/415 V, 3Ph, 50 Hz	Complete Opening:	118 mm (4.645")
	208/240 V, 3Ph, 60 Hz	Master Die Length:	100 mm (3.937")
	380/415 V, 3Ph, 60 Hz	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72
Capacity:	2wb: 2" max.		
	4ws: 2" max.		
	6ws: 1" max.		

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	1"	Diamondspir; Goldenblast/Six



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MB 240

PROFESSIONAL WORKSHOP

BENCHTOP

ORDERING INFORMATION

Product Code	Description
EOA3324NMB240P	MB 240 380/415V 3PH 50HZ
EOA3327NMB240P	MB 240 220/240V 3PH 50HZ
EOA3329NMB240P	MB 240 208/240V 3PH 60HZ
EOA332BNMB240P	MB 240 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N100-51	Die set n. 51 - length 100 mm	51	51-57	100	3.937
ESA3320N100-54	Die set n. 54 - length 100 mm	54	54-57	100	3.937
ESA3320N100-57	Die set n. 57 - length 100 mm	57	57-62	100	3.937
ESA3320N100-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3320N100-66	Die set n. 66 - length 100 mm	66	66-70	100	3.937
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3320N240KT	Kit 12 dies MB240/MV240 (n.15 to n.66)	-	-	-	-
ESA3320N240KTF	Kit 18 dies MB240/MV240 (n.15 to n.72)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

MB 350

FULL SERVICE WORKSHOP

BENCHTOP; VERY HIGH CRIMP FORCE



KEY ADVANTAGES

- High power and large opening in a very compact design
- Radial die movement (easy positioning of fitting: no axial movement during crimping)
- Groove for 90° long drop fittings
- Energy savings (stop & start concept)
- Electronic control including counter and semi-automatic opening
- Easy set up with ergonomic, intuitive and precise micrometer

MAIN APPLICATIONS

Dedicated to professional hydraulic maintenance specialists, professional service workshops, and large bore after-market hose assemblers.

TECHNICAL SPECIFICATIONS

Dimensions: 1005 x 655 x 668 mm (40 x 26 x 26.5")

Net Weight: 290 kg (639 lb)

Packaging: 1170 x 760 x 1100 mm (46 x 30 x 43")

Gross Weight: 350 kg (772 lb)

Voltages: 220/240 V, 3Ph, 50 Hz

380/415 V, 3Ph, 50 Hz

208/240 V, 3Ph, 60 Hz

380/415 V, 3Ph, 60 Hz

Capacity: 2wb: 3" max.

Textile / Suction Hose: 4" max.

4ws: 2" max.

6ws: 2" max.

Motor: 5.5 kW

Noise Level: <65 dB A

Crimp Range: 4 - 130 mm (0.157 - 5.118")

Crimp Force: 350 t

Opening with Dies: +54 mm (+2.125")

Complete Opening: 180 mm (7.086")

Master Die Length: 115 mm (4.523")

Standard Dies: 15, 18, 21, 24, 27, 30, 33, 36, 39, 42,

45, 48, 51, 57, 62, 66, 70, 72, 73, 76

Technical Features:

- Automatic maintenance alerts

- Cylinder protection against dust - durable design

Safety remarks:

Please consider hose-fitting-machine integration when crimping. Possible limitations in case of double elbow fittings.

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	3" with extra dies	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Spiralfit; MF3000 OPF; MF3000 OPK	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Spiralfit	2"	Rockmaster/13; GoldenISO/35 Xtraflex; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Spiralfit; MF2000 Xtralock	1½"	Diamondspir; Rockmaster/15; GoldenISO/42 Xtraflex; Shieldmaster/6000



Performances measured on a 400 V, 3Ph, 50 Hz network

manuli[®]
HYDRAULICS

MACHINES
M1-5

CRIMPING MACHINES

MB 350

FULL SERVICE WORKSHOP

BENCHTOP, VERY HIGH CRIMP FORCE

ORDERING INFORMATION

Product Code	Description
EOA3324NMB350P	MB 350+380/415V 3PH 50HZ
EOA3334NMB350SCS	MB 350 380/415V 3PH 50HZ 5.5KW
EOA3327NMB350P	MB 350 220/240V 3PH 50HZ
EOA3337NMB350SCS	MB 350 220/240V 3PH 50HZ 5.5KW
EOA3329NMB350P	MB 350 208/240V 3PH 60HZ
EOA3339NMB350SCS	MB 350 208/240V 3PH 60HZ 5.5KW
EOA332BNMB350P	MB 350 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3320N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3540N125-73	Die set n. 73 - length 125 mm	73	73-76	125	4.921
ESA3540N125-76A	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3540N125-90	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3540N12595	Die set n. 95 - length 125 mm	95	95-105	125	4.921
ESA3330N340KT	Kit 13 dies MB350/L/MV350 (n.15 to n.73)	-	-	-	-
ESA3330N340KTF	Kit 20 dies MB350/L/MV350 (n.15 to n.76)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

MB 350 L

FULL SERVICE WORKSHOP

BENCHTOP; VERY HIGH CRIMP FORCE



KEY ADVANTAGES

- High power and large opening in a very compact design
- Radial die movement (easy positioning of fitting: no axial movement during crimping)
- Groove for 90° long drop fittings
- Energy savings (stop & start concept)
- Electronic control including counter and semi-automatic opening
- Easy set up with ergonomic, intuitive and precise micrometer

MAIN APPLICATIONS

Dedicated to professional hydraulic maintenance specialists, professional service workshops, and large bore after-market hose assemblers.

TECHNICAL SPECIFICATIONS

Dimensions: 1005 x 655 x 668 mm (40 x 26 x 26.5")

Net Weight: 260 kg (573 lb)

Packaging: 1170 x 760 x 1100 mm (46 x 30 x 43")

Gross Weight: 350 kg (772 lb)

Voltages: 220/240 V, 3Ph, 50 Hz

380/415 V, 3Ph, 50 Hz

208/240 V, 3Ph, 60 Hz

380/415 V, 3Ph, 60 Hz

Capacity: 2wb: 3" max.

Textile / Suction Hose: 4" max.

4ws: 2" max.

6ws: 1 1/2" max.

Motor: 4.0 kW

Noise Level: <65 dB A

Crimp Range: 4 - 130 mm (0.157 - 5.118")

Crimp Force: 350 t

Opening with Dies: +54 mm (+2.125")

Complete Opening: 180 mm (7.086")

Master Die Length: 115 mm (4.523")

Standard Dies: 15, 18, 21, 24, 27, 30, 33, 36, 39, 42,
45, 48, 51, 57, 62, 66, 70, 72, 73, 76

Technical Features:

- Automatic maintenance alerts
- Cylinder protection against dust (durable design)

Safety Remarks:

Please consider hose-fitting-machine integration when crimping. Possible limitations in case of double elbow fittings.

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	3" with extra dies	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit; MF3000 OPF; MF3000 OPK	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	1 1/2"	Rockmaster/13; Rockmaster/15; GoldenISO/35 Xtraflex; GoldenISO/42 Xtraflex; Diamondspir; Shieldmaster/6000; Goldenblast/six



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MB 350 L

FULL SERVICE WORKSHOP

BENCHTOP; VERY HIGH CRIMP FORCE

ORDERING INFORMATION

Product Code	Description
EOA3324NMB350LP	MB 350 L 380/415V 3PH 50HZ
EOA3327NMB350LP	MB 350 L 220/240V 3PH 50HZ
EOA3329NMB350LP	MB 350 L 208/240V 3PH 60HZ
EOA332BNMB350LP	MB 350 L 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3320N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3540N125-73	Die set n. 73 - length 125 mm	73	73-76	125	4.921
ESA3540N125-76A	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3540N125-86	Die set n. 86 - length 125 mm	86	86-90	125	4.921
ESA3540N125-90	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3540N12595	Die set n. 95 - length 125 mm	95	95-105	125	4.921
ESA3330N340KT	Kit 13 dies MB350/L/MV350 (n.15 to n.73)	-	-	-	-
ESA3330N340KTF	Kit 20 dies MB350/L/MV350 (n.15 to n.76)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

MV 137

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN



KEY ADVANTAGES

- Robust and compact design
- Lightweight
- High crimping speed
- Suitable also for 90° elbow fittings
- Cylinder protection
- Remote head mounting option possible

MAIN APPLICATIONS

Designed for hydraulic maintenance specialists for on-site repairs with mobile vans. It is possible to install the crimp head separately from the power pack to gain space inside the vehicle and obtain a lower centre of gravity.

TECHNICAL SPECIFICATIONS

Dimensions:	650 x 550 x 610 mm (26 x 22 x 24")	Motor:	2.0 kW
Net Weight:	103 kg (227 lb)	Noise Level:	72 dB A
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Crimp Range:	4 - 70 mm (0.157 - 2.756")
Gross Weight:	120 kg (265 lb)	Crimp Force:	137 t
Voltages:	12 V 24 V	Opening with Dies:	+28 mm (+1.102")
Capacity:	2wb: 1 1/4" max. 4ws: 1 1/4" max.	Complete Opening:	100 mm (3.937")
Technical Features:		Master Die Length:	75 mm (2.952")
Options available: Die storage, ergonomic gun, battery and charger, die sets for brake and air-conditioning hoses, marking dies		Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	3/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex

MACHINES
M1-7

CRIMPING MACHINES

MV 137

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

ORDERING INFORMATION

Product Code	Description
EOA3251N12137	MV 137 12V
EOA3252N24137	MV 137 24V

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-6	Die set n. 6 - length 56 mm	6	06-08	56	2.205
ESA3220NL56-8	Die set n. 8 - length 56 mm	8	08-10	56	2.205
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-17	Die set n. 17 - length 56 mm	17	17-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-20	Die set n. 20 - length 56 mm	20	20-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3220N137-24	Die set n. 24 - length 56 mm	24	24-27	56	2.205
ESA3220N137-27	Die set n. 27 - length 56 mm	27	27-30	56	2.205
ESA3220N137-30	Die set n. 30 - length 56 mm	30	30-33	56	2.205
ESA3220N137-33	Die set n. 33 - length 70 mm	33	33-36	70	2.756
ESA3220N75-36	Die set n. 36 - length 75 mm	36	36-39	75	2.953
ESA3220N137-39	Die set n. 39 - length 70 mm	39	39-42	70	2.756
ESA3320N140-42	Die set n. 42 - length 70 mm	42	42-45	70	2.756
ESA3220N137-45	Die set n. 45 - length 70 mm	45	45-48	70	2.756
ESA3220N137-48	Die set n. 48 - length 70 mm	48	48-51	70	2.756
ESA3220N137-51	Die set n. 51 - length 75 mm	51	51-57	75	2.953
ESA3220N137KT	Kit 10 dies MB137/S/MV137(n.15 to n.48)	-	-	-	-
ESA3220N137KT9J	Kit 9 dies MB137/S/MV137 (n.15 to n.48)	-	-	-	-
ESA3220NKT6J	Kit 6 dies MB137/S/MV137 (n.15 to n.39)	-	-	-	-
ESA3220N137KTF	Kit 13 dies MB137/S/MV137(n.15 to n.51)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES



MV 137 L

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

KEY ADVANTAGES

- Robust and compact design
- Lightweight
- High crimping speed
- Suitable also for 90° elbow fittings
- Cylinder protection

MAIN APPLICATIONS

Designed for hydraulic maintenance specialists for on-site repairs with mobile vans. It is possible to install the crimp head separately from the power pack to gain space inside the vehicle and obtain a lower centre of gravity. This machine is equipped with a cable remote control.

TECHNICAL SPECIFICATIONS

Dimensions:	250 x 320 x 300 mm (10 x 13 x 12")	Crimp Range:	4 - 70 mm (0.157 - 2.756")
Net Weight:	86 kg (190 lb)	Crimp Force:	137 t
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Opening with Dies:	+28 mm (+1.102")
Gross Weight:	102 kg (225 lb)	Complete Opening:	100 mm (3.937")
Voltages:	12 V	Master Die Length:	75 mm (2.952")
	24 V	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51
Capacity:	2wb: 1 1/4" max. 4ws: 1 1/4" max.	Technical Features:	
Motor:	2.0 kW	- Options available: Die storage, ergonomic gun, battery and charger, die sets for brake and air-conditioning hoses, marking dies	
Noise Level:	72 dB A	- Dimensions of power pack: 440 x 320 x 320 mm (17 x 13 x 13")	

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	3/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex

CRIMPING MACHINES

MV 137 L

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

ORDERING INFORMATION

Product Code	Description
EOA3251NMV137L	MV 137 L 12V
EOA3252NMV137L	MV 137 L 24V

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-6	Die set n. 6 - length 56 mm	6	06-08	56	2.205
ESA3220NL56-8	Die set n. 8 - length 56 mm	8	08-10	56	2.205
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-17	Die set n. 17 - length 56 mm	17	17-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-20	Die set n. 20 - length 56 mm	20	20-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3220N137-24	Die set n. 24 - length 56 mm	24	24-27	56	2.205
ESA3220N137-27	Die set n. 27 - length 56 mm	27	27-30	56	2.205
ESA3220N137-30	Die set n. 30 - length 56 mm	30	30-33	56	2.205
ESA3220N137-33	Die set n. 33 - length 70 mm	33	33-36	70	2.756
ESA3220N75-36	Die set n. 36 - length 75 mm	36	36-39	75	2.953
ESA3220N137-39	Die set n. 39 - length 70 mm	39	39-42	70	2.756
ESA3320N140-42	Die set n. 42 - length 70 mm	42	42-45	70	2.756
ESA3220N137-45	Die set n. 45 - length 70 mm	45	45-48	70	2.756
ESA3220N137-48	Die set n. 48 - length 70 mm	48	48-51	70	2.756
ESA3220N137-51	Die set n. 51 - length 75 mm	51	51-57	75	2.953
ESA3220N137KT	Kit 10 dies MB137/S/MV137 (n.15 to n.48)	-	-	-	-
ESA3220N137KT9J	Kit 9 dies MB137/S/MV137 (n.15 to n.48)	-	-	-	-
ESA3220NKT6J	Kit 6 dies MB137/S/MV137 (n.15 to n.39)	-	-	-	-
ESA3220N137KTF	Kit 13 dies MB137/S/MV137 (n.15 to n.51)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

MV 240

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN



KEY ADVANTAGES

- Robust design
- Ergonomic micrometer
- High crimping speed
- Radial movement of the dies
- Cylinder protection
- Remote head mounting option possible

MAIN APPLICATIONS

Designed for hydraulic maintenance specialists for on-site repairs with mobile vans. It is possible to install the crimp head separately from the power pack to gain space inside the vehicle and obtain a lower centre of gravity.

TECHNICAL SPECIFICATIONS

Dimensions:	650 x 550 x 670 mm (26 x 22 x 26")	Motor:	2.0 kW
Net Weight:	145 kg (320 lb)	Noise Level:	72 dB A
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Crimp Range:	4 - 76 mm (0.157 - 2.992")
Gross Weight:	180 kg (397 lb)	Crimp Force:	240 t
Voltages:	12 V	Opening with Dies:	+38 mm (+1.496")
	24 V	Complete Opening:	118 mm (4.646")
	220/240 V, 3Ph, 50 Hz	Master Die Length:	100 mm (3.937")
	380/415 V, 3Ph, 50 Hz	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39,
	208/240 V, 3Ph, 60 Hz		42, 45, 48, 51, 57, 62, 66, 70, 72
	380/415 V, 3Ph, 60 Hz	Technical Features:	
Capacity:	2wb: 2" max.	Options available: Die storage, ergonomic gun, battery and charger, die sets for brake and air-conditioning hoses, marking dies	
	4ws: 2" max.		
	6ws: 1" max.		

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	1"	Diamondspir; Goldenblast/Six

CRIMPING MACHINES

MV 240

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

ORDERING INFORMATION

Product Code	Description
EOA3351N12240	MV 240 12V
EOA3352N24240	MV 240 24V
EOA3324NMV240	MV 240 380/415V 3PH 50HZ
EOA3327NMV240	MV 240 220/240V 3PH 50HZ
EOA3329NMV240	MV 240 208/240V 3PH 60HZ
EOA332BNMV240	MV 240 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N100-51	Die set n. 51 - length 100 mm	51	51-57	100	3.937
ESA3320N100-54	Die set n. 54 - length 100 mm	54	54-57	100	3.937
ESA3320N100-57	Die set n. 57 - length 100 mm	57	57-62	100	3.937
ESA3320N100-62	Die set n. 62 - length 100 mm	62	62-66	110	4.331
ESA3320N100-66	Die set n. 66 - length 100 mm	66	66-70	100	3.937
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3320N240KT	Kit 12 dies MB240/MV240 (n.15 to n.66)	-	-	-	-
ESA3320N240KTF	Kit 18 dies MB240/MV240 (n.15 to n.72)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES



MV 240 L

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

KEY ADVANTAGES

- Robust design
- Ergonomic micrometer
- High crimping speed
- Radial movement of the dies
- Cylinder protection

MAIN APPLICATIONS

Designed for hydraulic maintenance specialists for on-site repairs with mobile vans. It is possible to install the crimp head separately from the power pack to gain space inside the vehicle and obtain a lower centre of gravity. This machine is equipped with a cable remote control.

TECHNICAL SPECIFICATIONS

Dimensions:	320 x 360 x 350 mm (13 x 13.5 x 14")	Motor:	2.0 kW
Net Weight:	130 kg (287 lb)	Noise Level:	72 dB A
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Crimp Range:	4 - 76 mm (0.157 - 2.992")
Gross Weight:	180 kg (397 lb)	Crimp Force:	240 t
Voltages:	12 V	Opening with Dies:	+38 mm (+1.496")
	24 V	Complete Opening:	118 mm (4.646")
	220/240 V, 3Ph, 50 Hz	Master Die Length:	100 mm (3.937")
	380/415 V, 3Ph, 50 Hz	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72
	208/240 V, 3Ph, 60 Hz		
	380/415 V, 3Ph, 60 Hz	Technical Features:	
Capacity:	2wb: 2" max.	- Options available: Die storage, ergonomic gun, battery and charger, die sets for brake and air-conditioning hoses, marking dies	
	4ws: 2" max.	- Dimensions of power pack: 440 x 320 x 320 mm (17 x 13 x 13")	
	6ws: 1" max.		

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPF; MF3000 OPK	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock	1"	Diamondspir; Goldenblast/Six

CRIMPING MACHINES

MV 240 L

FIELD SERVICE & MOBILE WORKSHOP

MOBILE VAN

ORDERING INFORMATION

Product Code	Description
EOA3251NMV240L	MV 240 L 12V

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N100-51	Die set n. 51 - length 100 mm	51	51-57	100	3.937
ESA3320N100-54	Die set n. 54 - length 100 mm	54	54-57	100	3.937
ESA3320N100-57	Die set n. 57 - length 100 mm	57	57-62	100	3.937
ESA3320N100-62	Die set n. 62 - length 100 mm	62	62-66	110	4.331
ESA3320N100-66	Die set n. 66 - length 100 mm	66	66-70	100	3.937
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3320N240KT	Kit 12 dies MB240/MV240 (n.15 to n.66)	-	-	-	-
ESA3320N240KTF	Kit 18 dies MB240/MV240 (n.15 to n.72)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

MV 350

FIELD SERVICE & MOBILE / CONTAINER WORKSHOP

MOBILE VAN



KEY ADVANTAGES

- Robust design
- Large opening
- High crimping force
- Ergonomic micrometer
- High crimping speed
- Radial movement of the dies
- Cylinder protection
- Remote head mounting option possible

MAIN APPLICATIONS

Designed for hydraulic maintenance specialists for on-site repairs in mobile vans and an ideal solution for container shops. The high crimp force makes this machine a versatile solution for the whole hydraulic hose range. It is possible to install the crimp head separately from the power pack to gain space inside the vehicle and obtain a lower centre of gravity.

TECHNICAL SPECIFICATIONS

Dimensions:	650 x 550 x 750 mm (26 x 22 x 30")	Motor:	2.0 kW
Net Weight:	210 kg (463 lb)	Noise Level:	<65 dB A
Packaging:	800 x 600 x 830 mm (31 x 24 x 33")	Crimp Range:	4 - 130 mm (0.157 - 5.118")
Gross Weight:	260 kg (573 lb)	Crimp Force:	350 t
Voltages:	12 V	Opening with Dies:	+54 mm (+2.125")
	24 V	Complete Opening:	180 mm (7.086")
	220/240 V, 3Ph, 50 Hz	Master Die Length:	115 mm (4.528")
	380/415 V, 3Ph, 50 Hz	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42,
	208/240 V, 3Ph, 60 Hz		45, 48, 51, 57, 62, 66, 70, 72, 73, 76
	380/415 V, 3Ph, 60 Hz	Technical Features:	
Capacity:	2wb: 3" max.		Options available: Die storage, ergonomic gun, battery and charger, die sets for brake and air-conditioning hoses, marking dies
	4ws: 2" max.	Safety Remarks:	
	6ws: 2" max.		Possible limitations in case of double elbow fittings
	Textile / Suction Hose: 4"		

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPK; MF3000 OPF	3" with extra dies	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Spiralfit; MF3000 OPK; MF3000 OPF	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Spiralfit	2"	Rockmaster/13; GoldenISO/35 Xtraflex; Goldenblast/six
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Spiralfit; MF2000 Xtralock	1½"	Diamondspir; Rockmaster/15; GoldenISO/42 Xtraflex; Shieldmaster/6000

CRIMPING MACHINES

MV 350

FIELD SERVICE & MOBILE / CONTAINER WORKSHOP

MOBILE VAN

ORDERING INFORMATION

Product Code	Description
EOA3351N12350	MV 350 12V 12V
EOA3352N24350	MV 350 24V 24V
EOA3324NMV350	MV 350 380/415V 3PH 50HZ
EOA3327NMV350	MV 350 220/240V 3PH 50HZ
EOA3329NMV350	MV 350 208/240V 3PH 60HZ
EOA332BNMV350	MV 350 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3320N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3540N125-73	Die set n. 73 - length 125 mm	73	73-76	125	4.921
ESA3540N125-76A	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3540N125-90	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3540N12595	Die set n. 95 - length 125 mm	95	95-105	125	4.921
ESA3330N340KT	Kit 13 dies MB350/L/MV350 (n.15 to n.73)	-	-	-	-
ESA3330N340KTF	Kit 20 dies MB350/L/MV350 (n.15 to n.76)	-	-	-	-

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES

GOLDENCRIMP 450

ASSEMBLING FOR FIELD REPAIR

BENCHTOP CRIMP MACHINE



KEY ADVANTAGES

- High crimp force (450 tons)
- Large opening
- Wide family of dies for industrial hoses
- Long master dies
- Robust - designed for harsh environments
- Low noise level
- Easy die set-up with ergonomic gun
- Metallic guard for the set stop

MAIN APPLICATIONS

Dedicated to field repair assemblers operating in harsh environments (mines, construction areas, drilling rigs, etc.). Suitable for the whole hose range (small and large bore hoses). Designed to be extremely robust to resist aggressive environmental conditions (wiper seal, powder protection, grease connections for master dies, easy accessibility for maintenance and handling).

TECHNICAL SPECIFICATIONS

Dimensions:	830 x 775 x 1450 mm (33 x 31 x 57")	Noise Level:	<65 dB A
Net Weight:	720 kg (1587 lb)	Crimp Range:	4 - 130 mm (0.157 - 5.118")
Packaging:	1120 x 1020 x 1770 mm (44 x 40 x 70")	Crimp Force:	450 t
Voltages:	220/240 V, 3Ph, 50 Hz 380/415 V, 3Ph, 50 Hz 208/240 V, 3Ph, 60 Hz 380/415 V, 3Ph, 60 Hz	Opening with Dies:	+70 mm (+2.755")
Capacity:	6ws: 3" max. Industrial: 4" max. 6ws: 3" max.	Complete Opening:	202 mm (7.950")
Motor:	5.5 kW	Master Die Length:	140 mm (5.512")
		Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72, 73, 76
		Safety remarks:	Please consider hose-fitting-machine integration when crimping

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPF; MF3000 OPK	4"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit; MF3000 OPF; MF3000 OPK	3"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Xtraflow/4WS; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	3"	Diamondspir/21; Rockmaster/13; Rockmaster/15; Goldenblast/Six
Industrial Textile Hoses		4"	Spirtex/K; Others



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

GOLDENCRIMP 450

ASSEMBLING FOR FIELD REPAIR

BENCHTOP CRIMP MACHINE

ORDERING INFORMATION

Product Code	Description
EOA3324NMSCRIG450	GOLDENCRIMP/450 380/415V 3PH 50HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3320N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3330NL125D073L4	Die set n. 73 - length 125-28 mm, Reinforced pin	73	73-76	125	4.921
ESA3540N125-76	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3540NL150D086L6	Die set n. 86 - length 150 mm	86	86-90	150	5.906
ESA3540N125-90F	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3440NL150D095L6	Die set n. 95 - length 150 mm	95	95-105	150	5.906
ESA3550NL150D105L	Die set n. 105 - length 150 mm	105	105-112	150	5.906
ESA3550NL150D112L	Die set n. 112 - length 150 mm	112	112-122	150	5.906
ESA3440NL130D122L5	Die set n. 122 - length 130 mm REINF PIN	122	122-130	130	5.118
ESA3330N450KT	Kit 13 die set GC 450 (15 to 73)	-	-	-	-
ESA3330N450KTF	Kit 20 die set GC4 50 (15 to 76)	-	-	-	-

CRIMPING MACHINES

MVB 140

MAINTENANCE WORKSHOP

VERTICAL BENCHTOP, CAGE DIES



KEY ADVANTAGES

- Easy use and maintenance
- Easy intuitive adjustment of crimp diameter
- Micrometer set-up with automatic stop
- Retractable pusher for easy insertion of the dies
- 'Plug & play' system (power pack already integrated)
- Wide clearance for tooling installation and fitting positioning
- Easy positioning of the spacer plates

MAIN APPLICATIONS

Dedicated to hydraulic maintenance shops and on-site repairs (construction machines, public works equipment, handling and lifting equipment, agriculture machines, etc.). Designed to crimp small size hoses up to 1 1/4" 4 wire spiral hose (with the exception of double skive type fittings). It can be used for small series productions due to its precise crimp operations and high durability.

TECHNICAL SPECIFICATIONS

Dimensions: 690 x 280 x 550 mm (48 x 19.5 x 38.5")

Net Weight: 86 kg (190 lb)

Gross Weight: 110 kg (243 lb)

Voltages: 110 V, 1Ph, 60 Hz

Capacity: 2wb: 1 1/4" max.
4ws: 1 1/4" max.

Motor: 0.8 kW

Noise Level: <86 dB A

Crimp Range: 11.5 to 55 mm (0.453 - 2.165")

Crimp Force: 140 t

Standard Dies: 20, 30, 40, 50, 80, S1

Technical Features:

- Spacer plates supplied as standard: size 0 (positive crimping set by dedicated spacers)
- Professional approach with set stop and remote control drive allows easy crimping both in the field and in-shop assembling
- Possible limitations if used with double-elbow fittings
- Not suitable for hoses with double skive fittings (Interlock Plus, Xtralock)

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPK; MF3000 OPF	1 1/4	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPK; MF3000 OPF	1 1/4	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex

CRIMPING MACHINES

MVB 140

MAINTENANCE WORKSHOP

VERTICAL BENCHTOP, CAGE DIES

ORDERING INFORMATION

Product Code	Description
EOA3225NMVB140	MVB 140 110V 1PH 60HZ
EOA3225SMVB140	MVB 140 110V 60Hz (STD. DIES INCLUDED)
EOA3225SMVB140S1	MVB 140 110V 60Hz (w 30,40,50,80,S1 DIES)

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3210NSUD-10	DIES SET USA market 10	-	11,5-13,9	45	1.772
ESA3210NSUD-20	DIES SET USA market 20	-	14,0-15,9	45	1.772
ESA3210NSUD-30	DIES SET USA market 30	-	16,0-18,9	45	1.772
ESA3210NSUD-40	DIES SET USA market 40	-	19,0-21,9	45	1.772
ESA3210NSUD-50	DIES SET USA market 50	-	22,0-23,9	45	1.772
ESA3210NSUD-60	DIES SET USA market 60	-	24,0-26,9	57	2.244
ESA3210NSUD-70	DIES SET USA market 70	-	27,0-29,9	57	2.244
ESA3210NSUD-80	DIES SET USA market 80	-	30,0-33,9	57	2.244
ESA3210NSUD-90	DIES SET USA market 90	-	34,0-36,9	57	2.244
ESA3210NSUD-S1	DIES SET USA market S1	-	37,0-40,9	70	2.756
ESA3210NSUD-S2	DIES SET USA market S2	-	41,0-45,9	70	2.756
ESA3210NSUD-S3	DIES SET USA market S3	-	46,0-48,9	70	2.756
ESA3210NSUD-S4	DIES SET USA market S4	-	49,0-55,0	70	2.756
ESA3320NTKIT5JB	DIE SET 5J MVB140	-	-	-	-
ESA3330NTKIT3J	KIT 3 DIE SETS 5/8-3/4 MVB140	-	-	-	-
ESA3330NTKIT5JOPT	KIT 5 DIE SETS OPTION MVB140	-	-	-	-

Notes:

Crimp head weight: 46 kg (101 lb)

Retraction of the cylinder and consequent crimp stroke start position is governed by the remote control crimp switch, to enable quicker crimping and increased productivity

CRIMPING MACHINES



MS 140

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

KEY ADVANTAGES

- The quickest machine of the MS machine series
- Safe Crimp System (SCS) control
- Large production capacity (small/medium bore)
- Low noise level
- Precise
- Robust
- Easy die set-up with ergonomic gun

MAIN APPLICATIONS

Dedicated to professional assemblers for mass production of small/medium bore hoses, OEM assembly shops and large maintenance activities. Ideal when high production speeds are required.

TECHNICAL SPECIFICATIONS

Dimensions:	890 x 810 x 1390 mm (35 x 32 x 55")	Motor:	5.5 kW
Net Weight:	675 kg (1488 lb)	Noise Level:	<69 dB A
Packaging:	1120 x 1020 x 1770 mm (44 x 40 x 70")	Crimp Range:	4 - 70 mm (0.157 - 2.756")
Voltages:	220/240 V, 3Ph, 50 Hz	Crimp Force:	140 t
	380/415 V, 3Ph, 50 Hz	Opening with Dies:	+45 mm (+1.772")
	208/240 V, 3Ph, 60 Hz	Complete Opening:	125 mm (4.921")
Capacity:	2wb: 1 1/4" max.	Master Die Length:	80 mm (3.150")
	4ws: 1 1/4" max.	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48

Technical Features:

Options available: Die sets for brake and air-conditioning hoses, marking dies

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit; MF3000 OPK; MF3000 OPF	1 1/4"	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF3000 OPK	1 1/4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex
4 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	1"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; GoldenBlast



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MS 140

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

ORDERING INFORMATION

Product Code	Description
EOA3434NSC140	MS 140 SCS 380/415V 3PH 50HZ
EOA3437NSC140	MS 140 SCS 220/240V 3PH 50HZ
EOA3439NSC140	MS 140 SCS 208/240V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3320N140-12	Die set n. 12 - length 70 mm	12	12-15	70	2.756
ESA3320N140-15	Die set n. 15 - length 70 mm	15	15-18	70	2.756
ESA3320N140-18	Die set n. 18 - length 70 mm	18	18-21	70	2.756
ESA3320N140-21	Die set n. 21 - length 70 mm	21	21-24	70	2.756
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320N140-27	Die set n. 27 - length 70 mm	27	27-30	70	2.756
ESA3320N140-30	Die set n. 30 - length 70 mm	30	30-33	70	2.756
ESA3220N137-33	Die set n. 33 - length 70 mm	33	33-36	70	2.756
ESA3220N75-36	Die set n. 36 - length 75 mm	36	36-39	75	2.953
ESA3220N137-39	Die set n. 39 - length 70 mm	39	39-42	70	2.756
ESA3320N140-42	Die set n. 42 - length 70 mm	42	42-45	70	2.756
ESA3220N137-45	Die set n. 45 - length 70 mm	45	45-48	70	2.756
ESA3220N137-48	Die set n. 48 - length 70 mm	48	48-51	70	2.756
ESA3220N137-51	Die set n. 51 - length 75 mm	51	51-57	75	2.953
ESA3540N140KT	Kit 10 dies MS140 (n.15 to n.48)				
ESA3540N140KTF	Kit 12 dies MS140 (n.15 to n.48)				

Notes:

Refrigeration hose special dies available upon request

CRIMPING MACHINES



MS 280 L

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

KEY ADVANTAGES

- Robust structure for tough working environments
- First OEM machine up to 1 1/4"
- Safe Crimp System (SCS) integrated function
- Separate power pack
- Low noise
- Fast and ergonomic
- Low maintenance
- Easy die set-up with ergonomic gun

MAIN APPLICATIONS

Dedicated to professional maintenance shops and small OEM workshops. Versatile crimp machine for the whole hose range up to 2" size 4 wire spiral included. The optimum choice for professional assemblers that require high precision and quality control with SCS (Safe Crimp System) for small/medium OEM activities.

TECHNICAL SPECIFICATIONS

Net Weight:	450 kg (992 lb)	Motor:	5.5 kW
Packaging:	850 x 850 x 1300 mm (34 x 34 x 51")	Noise Level:	<65 dB A
Gross Weight:	500 kg (1102 lb)	Crimp Range:	4 - 130 mm (0.157 - 5.118")
Voltages:	220/240 V, 3Ph, 50 Hz	Crimp Force:	280 t
	380/415 V, 3Ph, 50 Hz	Opening with Dies:	+54 mm (+2.126")
	208/240 V, 3Ph, 60 Hz	Complete Opening:	180 mm (7.087")
	380/415 V, 3Ph, 60 Hz	Master Die Length:	115 mm (4.528")
Capacity:	2wb: 3" max.	Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72
	4ws: 2" max.	Technical Features:	Net weight includes the separate power pack: 180 kg (396 lb); dimensions 1000 x 700 x 870 mm (39 x 27.5 x 34")

Safety Remarks:

Please consider hose-fitting-machine integration when crimping

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit	2"	Tractor; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Goldenblast
Industrial Textile Hoses	Various	2"	Spirtex/K; Others



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MS 280 L

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

ORDERING INFORMATION

Product Code	Description
EOA3434NMS280L	MS 280 L 380/415V 3PH 50HZ
EOA3437NMS280L	MS 280 L 220/240V 3PH 50HZ
EOA3439NMS280L	MS 280 L 208/240V 3PH 60HZ
EOA343BNMS280L	MS 280 L 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3220NL56-10	Die set n. 10 - length 56 mm	10	10-12	56	2.205
ESA3220NL56-12	Die set n. 12 - length 56 mm	12	12-15	56	2.205
ESA3220NL56-15	Die set n. 15 - length 56 mm	15	15-18	56	2.205
ESA3220NL56-18	Die set n. 18 - length 56 mm	18	18-21	56	2.205
ESA3220NL56-21	Die set n. 21 - length 56 mm	21	21-24	56	2.205
ESA3320N140-24	Die set n. 24 - length 70 mm	24	24-27	70	2.756
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N100-51	Die set n. 51 - length 100 mm	51	51-57	100	3.937
ESA3320N100-57	Die set n. 57 - length 100 mm	57	57-62	110	3.937
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N100-66	Die set n. 66 - length 100 mm	66	66-70	100	3.937
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3320N240KTF	Kit 18 dies MB240/MV240 (n.15 to n.72)	-	-	-	-

CRIMPING MACHINES

MS 320

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL



KEY ADVANTAGES

- High crimp force
- Large opening
- Safe Crimp System (SCS) control
- Wide family of dies for industrial hoses
- Robust structure
- Fast and ergonomic
- Low noise level
- Easy die-set up with ergonomic gun

MAIN APPLICATIONS

Dedicated to professional assemblers for mass production, OEM assembly shops and large maintenance activities.

TECHNICAL SPECIFICATIONS

Dimensions: 1240 x 995 x 1615 mm (49 x 39 x 64")

Net Weight: 1900 kg (4189 lb)

Packaging: 1400 x 1100 x 1960 mm (55 x 43 x 77")

Gross Weight: 2230 kg (4916 lb)

Voltages: 220/240 V, 3Ph, 50 Hz

380/415 V, 3Ph, 50 Hz

208/240 V, 3Ph, 60 Hz

380/415 V, 3Ph, 60 Hz

Capacity: 2wb: 3" max.

4ws: 2" max.

6ws: 2" max.

Textile & Suction Hose: 4" max.

Motor: 5.5 kW

Noise Level: <65 dB A

Crimp Range: 4 - 130 mm (0.157 - 5.118")

Crimp Force: 320 t

Opening with Dies: +80 mm (+3.149")

Complete Opening: 207 mm (8.149")

Master Die Length: 100 mm (3.937")

Standard Dies: 15, 18, 21, 24, 27, 30, 33, 36, 39,

42, 45, 48, 51, 57, 62, 66, 70, 72, 73, 76

Technical Features:

Options available: Die sets for brake and air-conditioning hoses, marking dies

Safety Features:

Please consider hose-fitting-machine integration when crimping

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit	3" with extra dies	Tractor; Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock	2"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Goldenblast/six
6 Wire Spirals	MF2000 Interlock Plus	2"	Rockmaster/13
6 Wire Spirals	MF2000 Spiralfit; MF2000 Xtralock	2"	Shieldmaster/6000; Diamondspir; Goldenblast/six; GoldenISO Xtraflex



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MS 320

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

ORDERING INFORMATION

Product Code	Description
EOA3434NSC320	MS 320 SCS 380/415V 3PH 50HZ
EOA3437NSC320	MS 320 SCS 220/240V 3PH 50HZ
EOA3439NSC320	MS 320 SCS 208/240V 3PH 60HZ
EOA343BNSC320	MS 320 SCS 380/415V 3PH 60HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3430NL90-10	Die set n. 10 - length 90 mm	10	10-12	90	3.543
ESA3430NL90-12	Die set n. 12 - length 90 mm	12	12-15	90	3.543
ESA3430NL90-15	Die set n. 15 - length 90 mm	15	15-18	90	3.543
ESA3430NL90-18	Die set n. 18 - length 90 mm	18	18-21	90	3.543
ESA3430NL90-21	Die set n. 21 - length 90 mm	21	21-24	90	3.543
ESA3320NL90-24	Die set n. 24 - length 90 mm	24	24-27	90	3.543
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3320NL90-30	Die set n. 30 - length 90 mm	30	30-33	90	3.543
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3430N100-45	Die set n. 45 - length 95 mm	45	45-48	95	3.740
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3430N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3430N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3430N110-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3340NL120D073L8	Die set n. 73 - length 120 mm	73	73-76	120	4.724
ESA3340NL120D076L8	Die set n. 76 - length 120 mm	76	76-86	120	4.724
ESA3340NL100D086L6	Die set n. 86 - length 100-65 mm	86	86-90	100	3.937
ESA3430NL100D090L6	Die set n. 90 - length 100 mm, Reinforced Pin	90	90-95	100	3.937
ESA3430NL100D095L6	Die set n. 95 - length 100 mm, Reinforced Pin	95	95-105	100	3.937
ESA3540N320KT	Kit 13 dies MS320 (n.15 to n.73)				
ESA3540N320KTF	Kit 20 dies MS320 (n.15 to n.76)				

CRIMPING MACHINES

MS 480

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL



KEY ADVANTAGES

- High crimp force
- Large opening
- Safe Crimp System (SCS) control
- Wide family of dies for industrial hoses
- Long master dies
- Robust
- Low noise level
- Easy die set-up with ergonomic gun

MAIN APPLICATIONS

Dedicated to professional assemblers, large OEM suppliers and special applications. This machine is particularly suited to medium and large bore hose assembly operations.

TECHNICAL SPECIFICATIONS

Dimensions:	1300 x 900 x 1700 mm (51 x 35 x 67")	Motor:	5.5 kW
Net Weight:	2200 kg (4850 lb)	Noise Level:	<65 dB A
Packaging:	1400 x 1100 x 1960 mm (55 x 43 x 77")	Crimp Range:	4 - 160 mm (0.157 - 6.299")
Gross Weight:	2230 kg (4916 lb)	Crimp Force:	480 t
Voltages:	220/240 V, 3Ph, 50 Hz 380/415 V, 3Ph, 50 Hz 208/240 V, 3Ph, 60 Hz 380/415 V, 3Ph, 60 Hz	Opening with Dies:	+85 mm (+3.346")
Capacity:	6ws: 3" max. 8ws: 3" max. Industrial Textile Hoses: 4" max.	Complete Opening:	212 mm (8.346")
		Master Die Length:	125 mm (4.921")
		Standard Dies:	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72, 73, 76
		Technical Features:	Options available: Die sets for brake and air-conditioning hoses, marking dies
		Safety Remarks:	Please consider hose-fitting-machine integration when crimping

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
2 Wire Braid & Textile	MF2000 Multifit	3½"	Harvester; Lyteflex; Pilot; Cover; Equator; Rockmaster (braided); Shieldmaster (braided); Astro; Multitex; Hydroplast; Spirtex/K
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	4"	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Xtraflow/4WS; Goldenblast
6 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	3"	Diamondspir/21; Rockmaster/13; Rockmaster/15; Goldenblast/six
Industrial Textile Hoses		4"	Spirtex/K; Others



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MS 480

ASSEMBLING FOR MASS PRODUCTION

STAND TYPE CRIMP MACHINE, SCS CONTROL

ORDERING INFORMATION

Product Code	Description
EOA3544NSC480	MS 480 SCS 380/415V 3Ph 50 Hz
EOA3547NSC480	MS 480 SCS 220/240V 3Ph 50 Hz
EOA3549NSC480	MS 480 SCS 208/240V 3Ph 60 Hz
EOA354BNSC480	MS 480 SCS 380/415V 3Ph 60 Hz

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3430NL90-10	Die set n. 10 - length 90 mm	10	10-12	90	3.543
ESA3430NL90-12	Die set n. 12 - length 90 mm	12	12-15	90	3.543
ESA3430NL90-15	Die set n. 15 - length 90 mm	15	15-18	90	3.543
ESA3430NL90-18	Die set n. 18 - length 90 mm	18	18-21	90	3.543
ESA3430NL90-21	Die set n. 21 - length 90 mm	21	21-24	90	3.543
ESA3320NL90-24	Die set n. 24 - length 90 mm	24	24-27	90	3.543
ESA3320NL90-27	Die set n. 27 - length 90 mm	27	27-30	90	3.543
ESA3430NL100D30L2	Die set n. 30 - length 100 mm	30	30-33	100	3.937
ESA3320NL90-33	Die set n. 33 - length 90 mm	33	33-36	90	3.543
ESA3320NL90-36	Die set n. 36 - length 90 mm	36	36-39	90	3.543
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3320N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3320N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3320N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3330NL236D073L4	Die set n. 73 - length 125-28 mm, Reinforced Pin	73	73-76	125	4.921
ESA3540N125-76	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3440NL150D086L6	Die set n. 86 - length 150 mm	86	86-90	150	5.906
ESA3540N125-90F	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3440NL150D095L6	Die set n. 95 - length 150 mm	95	95-105	150	5.906
ESA3550NL150D105L	Die set n. 105 - length 150 mm	105	105-112	150	5.906
ESA3550NL150D112L	Die set n. 112 - length 150 mm	112	112-122	150	5.906
ESA3440NL130D122L5	Die set n. 122 - length 130 mm, Reinforced Pin	122	122 -130	130	5.118
ESA3550NL150D130L1	Die set n. 130 - length 145 mm	130	130-140	145	5.709
ESA3540N480KT	Kit 13 dies MS480 (n.15 to n.73)				
ESA3540N400KTF	Kit 20 dies MS480 (n.15 to n.76)				

CRIMPING MACHINES



MS 800

ASSEMBLING FOR LARGE BORE HOSES STAND TYPE CRIMP MACHINE, SCS CONTROL

KEY ADVANTAGES

- Designed for heavy duty large bore hydraulic hoses
- High power and speed
- Ergonomically designed for large bore hoses
- Safe Crimp System (SCS) for maximum reliability during the crimping process
- Large opening up to 8"
- Long master dies
- Very high crimping force

MAIN APPLICATIONS

Dedicated to professional assemblers operating in off-shore, mining and giant hydraulics. This machine is designed for large bore, robust hoses - not advised for small bore hoses (DN 12 and smaller).

TECHNICAL SPECIFICATIONS

Dimensions:	1400 x 1400 x 2060 mm (55 x 55 x 81")	Motor:	7.5 kW
Net Weight:	4300 kg (9480 lb)	Noise Level:	< 70 dB A
Packaging:	Not available	Crimp Range:	4 - 230 mm (0.157 - 9.055")
Gross Weight:	5000 kg (11023 lb)	Crimp Force:	800 t
Voltages:	380/415 V, 3Ph, 50 Hz	Opening with Dies:	+100 mm (+3.937")
Capacity:	4ws: 4" max. 6ws: 3" max. 8ws: 3" max. Industrial: 8"	Complete Opening:	350 mm (13.779")
		Master Die Length:	180 mm (7.087")
		Technical Features:	<ul style="list-style-type: none">- Machine platform equipped with rollers to support the hose at working height (1100 mm) in order to handle large bore hoses more easily- Supplied as standard: Intermediate dies 250/130- Options available: Die storage panel, die size upon request

HOSE AND FITTING SELECTION

Hose Type	Fittings Type	Max. Hose Size	Ref. Hoses
4 Wire Spirals	MF2000 Multifit; MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Spiralfit	4" with extra dies	Rockmaster (spiral); Shieldmaster (spiral); GoldenISO Xtraflex; Xtraflow/4WS; Goldenblast
6/8 Wire Spirals	MF2000 Interlock Plus; MF2000 Xtralock; MF2000 Interlock Super	>3" with extra dies	Diamondspir up to 3"; Rockmaster/13; Rockmaster/15
Industrial Textile Hoses	Various	8"	Spirtex/K; Others



Performances measured on a 400 V, 3Ph, 50 Hz network

CRIMPING MACHINES

MS 800

ASSEMBLING FOR LARGE BORE HOSES

STAND TYPE CRIMP MACHINE, SCS CONTROL

ORDERING INFORMATION

Product Code	Description
EOA3434NMMS800	MS 800 SCS 380/415V 3PH 50HZ

AVAILABLE DIE SETS

Product Code	Description	N°	Crimp Range	Die Length (mm)	Die Length (inch)
ESA3320NL90-39	Die set n. 39 - length 90 mm	39	39-42	90	3.543
ESA3320NL90-42	Die set n. 42 - length 90 mm	42	42-45	90	3.543
ESA3320N100-45	Die set n. 45 - length 100 mm	45	45-48	100	3.937
ESA3320NL100-48	Die set n. 48 - length 100 mm	48	48-51	100	3.937
ESA3430N110-51	Die set n. 51 - length 110 mm	51	51-57	110	4.331
ESA3430N110-57	Die set n. 57 - length 110 mm	57	57-62	110	4.331
ESA3320N110-62	Die set n. 62 - length 110 mm	62	62-66	110	4.331
ESA3330N125-66	Die set n. 66 - length 110 mm	66	66-70	110	4.331
ESA3320N100-70	Die set n. 70 - length 100 mm	70	70-72	100	3.937
ESA3330NL100D072L2	Die set n. 72 - length 100 mm	72	72-73	100	3.937
ESA3330NL125D073L4	Die set n. 73 - length 125-28 mm, Reinforced Pin	73	73-76	125	4.921
ESA3540N125-76	Die set n. 76 - length 125 mm	76	76-86	125	4.921
ESA3440NL150D086L6	Die set n. 86 - length 150 mm	86	86-90	150	5.906
ESA3540N125-90F	Die set n. 90 - length 125 mm	90	90-95	125	4.921
ESA3440NL150D095L6	Die set n. 95 - length 150 mm	95	95-105	150	5.906
ESA3530NL180D105L5	Die set n. 105 - length 180 mm	105	105-112	180	7.087
ESA3550NL150D112L	Die set n. 112 - length 150 mm	112	112-122	150	5.906
ESA3530NL180D130L5	Die set n. 130 - length 180 mm	130	130-140	180	7.087
ESA3540N800KTF	Kit 18 dies MS800 (n.39 to n.130)				