

# 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

<b>Dimensions:</b>	1240 x 995 x 1615 mm (49 x 39 x 64")	<b>Motor:</b>	5.5 kW
<b>Net Weight:</b>	1900 kg (4189 lb)	<b>Noise Level:</b>	<65 dB A
<b>Packaging:</b>	1400 x 1100 x 1960 mm (55 x 43 x 77")	<b>Crimp Range:</b>	4 - 130 mm (0.157 - 5.118")
<b>Gross Weight:</b>	2230 kg (4916 lb)	<b>Crimp Force:</b>	320 t
<b>Voltages:</b>	220/240 V, 3Ph, 50 Hz	<b>Opening with Dies:</b>	+80 mm (+3.149")
	380/415 V, 3Ph, 50 Hz	<b>Complete Opening:</b>	207 mm (8.149")
	208/240 V, 3Ph, 60 Hz	<b>Master Die Length:</b>	100 mm (3.937")
	380/415 V, 3Ph, 60 Hz	<b>Standard Dies:</b>	15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 57, 62, 66, 70, 72, 73, 76
<b>Capacity:</b>	2wb: 3" max.	<b>Technical Features:</b>	Options available: Die sets for brake and air-conditioning hoses, marking dies
	4ws: 2" max.	<b>Safety Features:</b>	Please consider hose-fitting-machine integration when crimping
	6ws: 2" max.		
	Textile & Suction Hose: 4" max.		

### 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

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### 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)				