

MC54

Automatic machine for setting and testing of compression spring

Macchina automatica per l'assestamento e controllo di molle a compressione

Máquina automática para el ajuste y control de resortes de compresión

MC54 FEATURES

- High speed
- Motorized setting
- Measurement of free length, load and block
- Internal diameter control
- Control of the ground surface with a camera
- Loading: automatic or manual
- Parameters stored in the "recipe" for a quick change of equipment
- Sorter: 3 or 5 ways, motorized
- Alta velocità
- Assestamento motorizzato
- Misura della lunghezza libera, del carico e del blocco
- Controllo del diametro interno
- Controllo della superficie molata con telecamera
- Caricamento: automatico o manuale
- Parametri memorizzati nella "ricetta" per un rapido cambio di attrezzature
- Separatore: 3 o 5 vie, motorizzato
- Alta velocidad
- Ropa de cama motorizada
- Medición de longitud libre, carga y bloque
- Control de diámetro interno
- Control de la superficie del suelo con una cámara
- Carga: automática o manual
- Parámetros almacenados en la "receta" para un cambio rápido de equipo
- Separador: 3 o 5 vías, motorizado



AVAILABLE MODELS	MC54-30	MC54-30x3	MC54-150	MC54-150x2	MC54-300	MC54-1000	MC54-2000	MC54-4000	MC54-8000
L Max before setting L Max prima dell'assestamento L Máx antes del asentamiento	25 mm (.98")		Max 90 mm recommended (3.55")		Max 120 mm recommended (4.7")	Max 180 mm recommended (7.1")	400 mm (15.75")	400 mm (15.75")	540 mm (21.25")
Max OD Max diametro esterno Diámetro exterior máx	ø 12 mm (.47")		ø 28 mm (1.1")		ø 28 mm or 31 mm on request (1.1" - 1.2")	ø 64 mm (2.5")	ø 64 mm (2.5")	ø 64 mm (2.5")	ø 120 mm (4.7")
Feeding Caricamento Carga	Automatic		Manual / Automatic	Automatic	Manual / Automatic	Manual / Automatic	Manual / Automatic	Manual / Automatic	Manual / Robot
N° indexing table stations N° stazioni tavola rotante N° taciones mesa giratoria	12	3 x 12	24	2 x 24	24	12	12	12	8
Max setting force Max forza di assestamento Fuerza Máx de asentamiento	300 N (67 lb)		1,5 kN (337 lb)		3 kN (674 lb)	12 kN (2700 lb)	22 kN (5000 lb)	40 kN (9000 lb)	80 kN (18000 lb)
Min. setting force to solid height Min forza assestamento a blocco Fuerza mín. en bloque	No solid setting		200 N* (45 lb)		200 N (45 lb)	1 kN* (224 lb)	2 kN (449 lb)	2 kN (449 lb)	5 kN (1124 lb)
Capacity main load cell Portata cella di carico principale Capacidad celda de carga principal	50 N (11 lb)	50 or 30 N (11 or 6.7 lb)	500 or 150 N (112 or 34 lb)		1 kN (224 lb)	2,5 kN (562 lb)	7,5 kN (1686 lb)	7,5 kN (1686 lb)	40 kN (8992 lb)
Min. recommended measure Misura min. raccomandata Medida min. recomendada	0,2 N (0.04 lb)		0,5 or 4 N (0.11 lb)		1 or 4 N (0.22 or 0.89 lb)	10 N (2.2 lb)	20 N (4.4 lb)	20 N (4.4 lb)	100 N (22.5 lb)
Capacity of the 2° load cell Portata della 2° cella di carico Capacidad de la 2° celda de carga	Not available		50 N 0.2 N min rec.	Not available	100 N 1 N min rec.	500 N 2 N Min rec.	Not available	Not available	Not available
Sorter Separatore Separador	5-ways motorized	3 x 2-ways motorized	5-ways motorized	2 x 2-ways motorized	5-ways motorized	5-ways motorized	3-ways motorized	3-ways motorized	2-ways pneumatic
Power supply / Power consumption Alimentazione / Consumo Alimentación / Consumo	200-230Vac 225W typical	200-230Vac 450W typical	200-230Vac 240W typical	200-230Vac 500W typical	200-230Vac 240W typical	380-480Vac x 3 400W typical	380-480Vac x 3 600W typical	380-480Vac x 3 750W typical	380-480Vac x 3 900W typical
Typical production speed** Produttività tipica** Productividad típica**	6000 pcs/h	18000 pcs/h	4000 pcs/h	8000 pcs/h	4000 pcs/h	2000 pcs/h	2000 pcs/h	2000 pcs/h	800 pcs/h

*The minimum load can be reduced by installing an optional shock absorber

*Il carico minimo può essere ridotto installando uno shock absorber opzionale

*La carga mínima puede reducirse instalando un amortiguador opcional

**Indicative value subject to significant variation depending on spring geometry, control plan, tolerances, etc

**Valore indicativo che può variare significativamente in funzione della forma della molla, del piano di controllo, delle tolleranze, etc

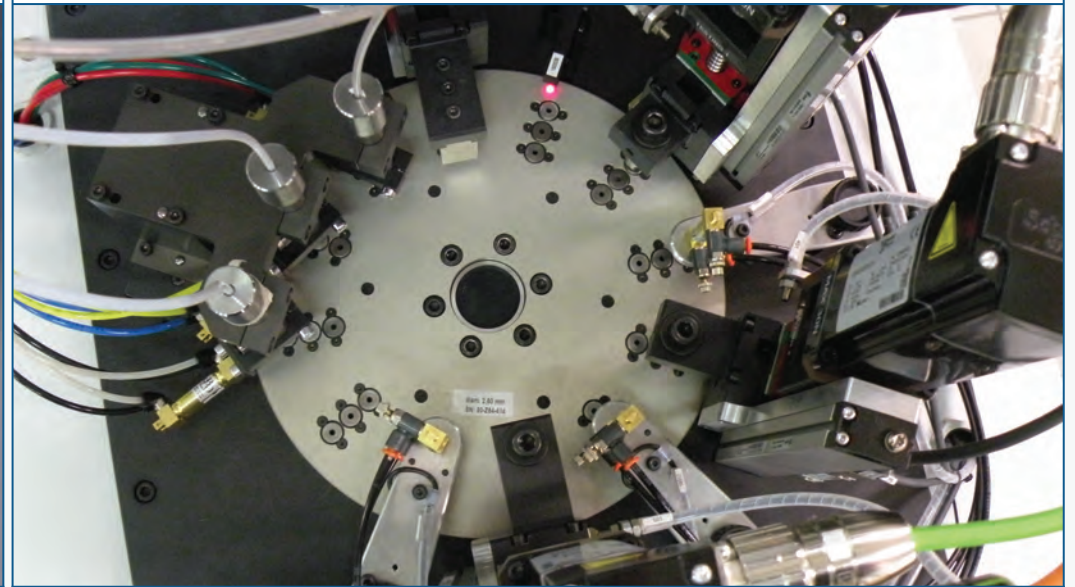
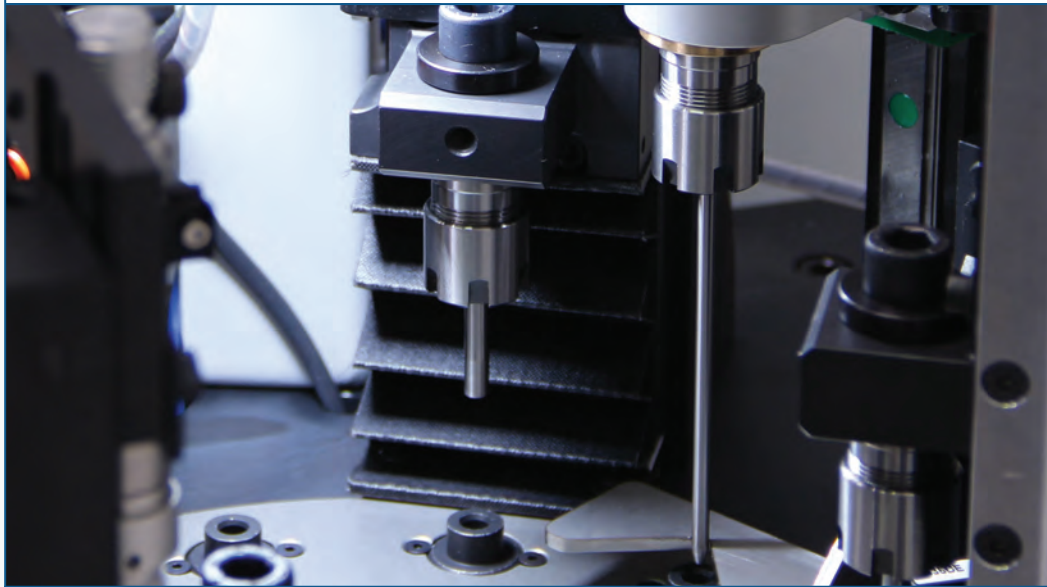
**Valor indicativo sujeto a variaciones según la geometría del muelle, el plan de control, las tolerancias. etc

	MC54-30	MC54-30x3	MC54-150/300	MC54-150x2	MC54-1000	MC54-2000/4000	MC54-8000
DIMENSIONS							
	889 x 1208 x 1786 H mm (35 x 47.5 x 70.3 H")	669 x 805 x 1759 H mm (26.3 x 31.7 x 69.2 H")	1307 x 1620 x 1986 H mm (51.4 x 63.7 x 78.2 H")	884 x 1189 x 1965 H mm (34.8 x 46.9 x 77.3 H")	1124 x 1542 x 1986 H mm (44.3 x 60.7 x 78.2 H")	1101 x 1915 x 2243 H mm (43.3 x 75.4 x 88.3 H")	1220 x 1600 x 2260 H mm (48 x 63 x 89 H")

MC54-30



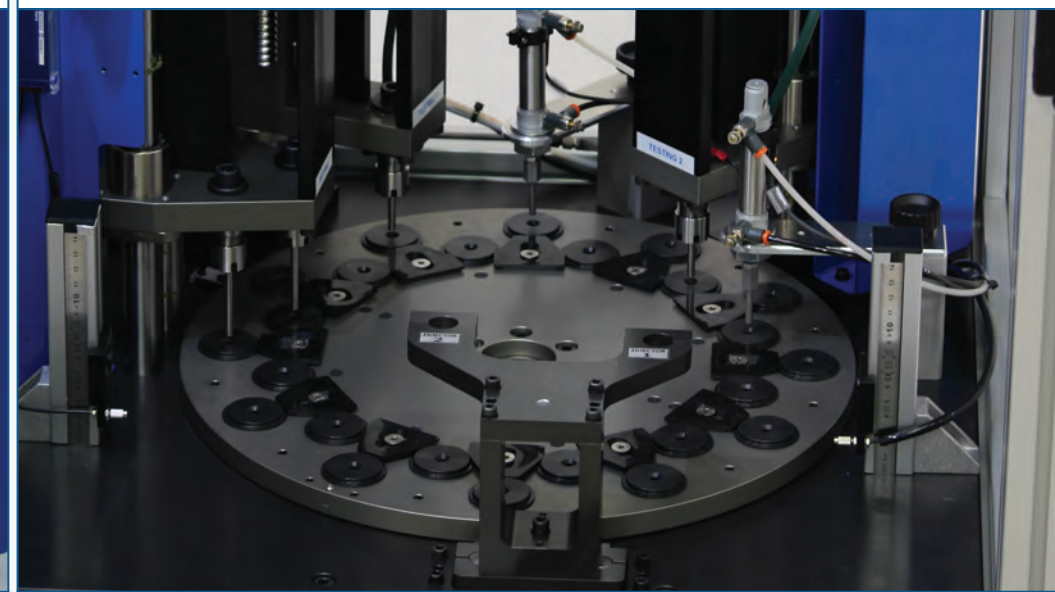
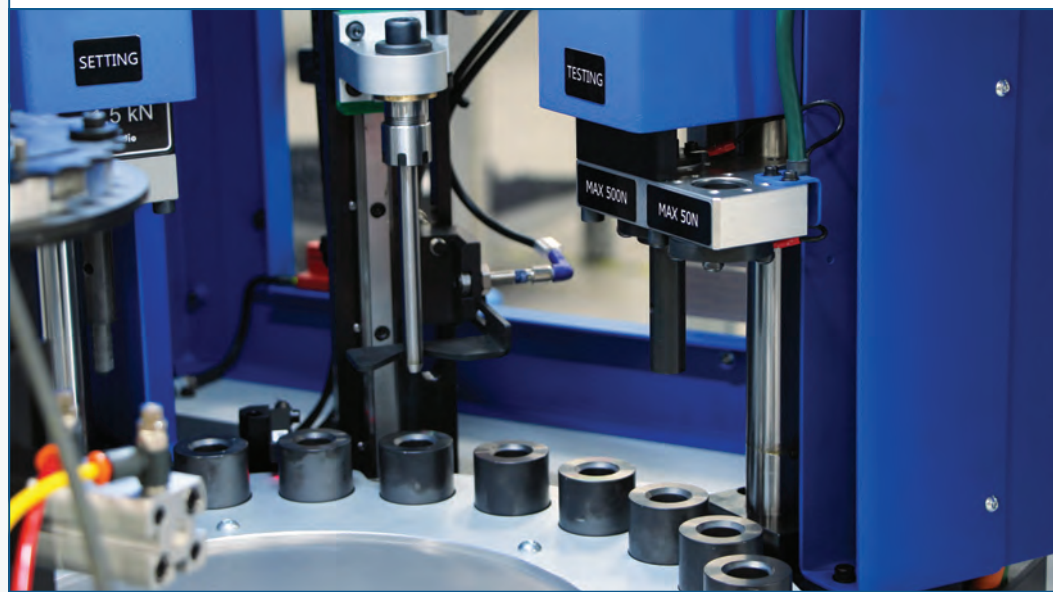
MC54-30x3



MC54-150 / MC54-300



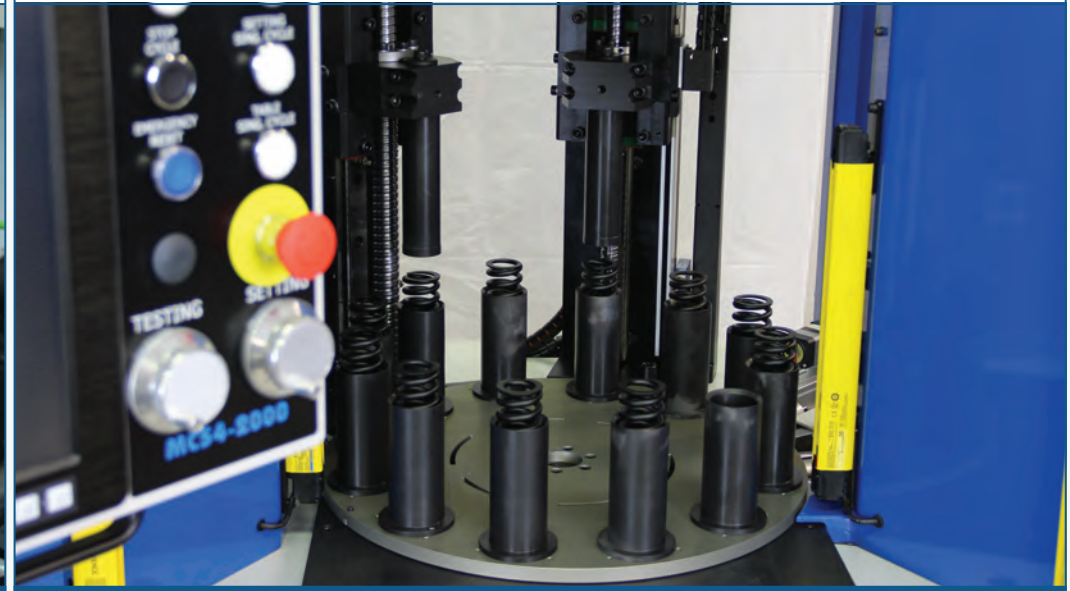
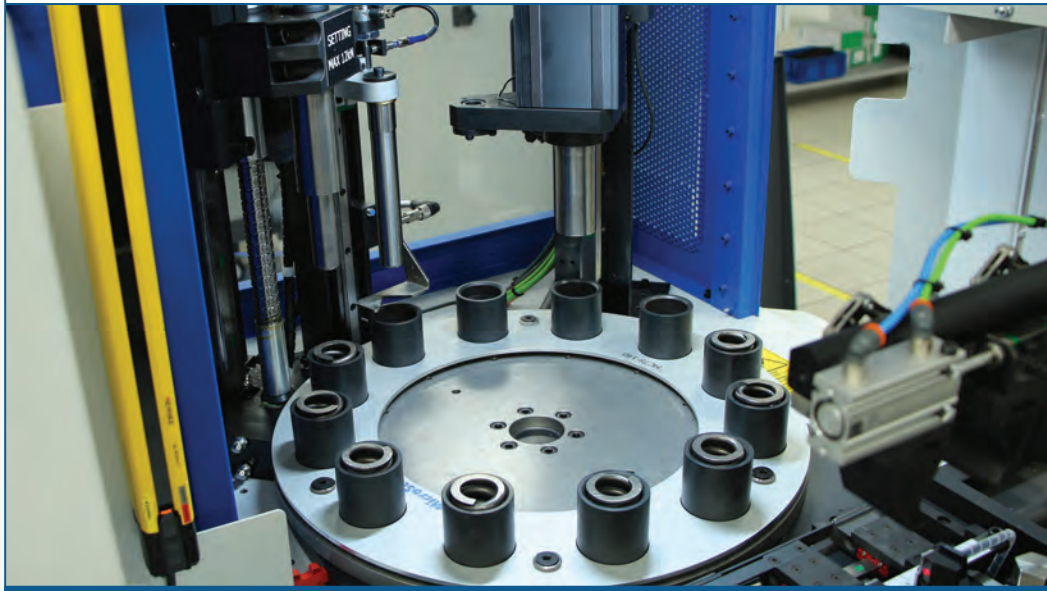
MC54-150x2



MC54-1000



MC54-2000 / MC54-4000



MC54-8000



OPTIONAL MC54-SEP-01 FOR MC54-30/150

