

MC54

Automatic machine for setting and testing of compression spring

Automatische Maschine zum Setzen und Prüfen von Druckfedern

Machine automatique pour le réglage et le contrôle des ressorts de compression

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

- Hohe Geschwindigkeit
- Motorisiertes Setzen
- Messung von freier Länge, Kraft und Block
- Kontrolle des Innendurchmessers
- Kontrolle der Schleiffläche mit einer Kamera
- Beladung: automatisch oder manuell
- Die Parameter werden im "Rezept" gespeichert, für einen schnellen Werkzeugwechsel
- Sortierweiche: 3 oder 5 Wege, motorisiert

- Haute vitesse
- Lierie motorisée
- Mesure de la longueur libre, de la charge et du bloc
- Contrôle du diamètre interne
- Contrôle de la surface du sol avec une caméra
- Chargement: automatique ou manuel
- Paramètres stockés dans la "recette" pour un changement rapide d'équipement
- Séparateur: 3 ou 5 voies, motorisé



AVAILABLE MODELS	MC54-30	MC54-30x3	MC54-150	MC54-150x2	MC54-300	MC54-1000	MC54-2000	MC54-4000	MC54-8000
L Max before setting Max Federlänge vor dem setzen Longueur maxi avant blocage	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 Federaußendurchmesser Diamètre extérieur maxi	ø 12 mm (.47")		ø 28 mm (1.1")		ø 28 mm (1.1")	ø 64 mm (2.5")	ø 64 mm (2.5")	ø 64 mm (2.5")	ø 120 mm (4.7")
Feeding Art der Federbelastung Mode de chargement employé	Automatic		Manual / Automatic	Automatic	Manual / Automatic	Manual / Automatic	Manual / Automatic	Manual / Automatic	Manual / Robot
N° indexing table stations Anzahl der Stationen N° de postes plateau magasin	12	3 x 12	24	2 x 24	24	12	12	12	8
Max setting force Max Setzkraft Effort maxi de blocage	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. Setzkraft Blocksetzkraft Force min. réglage au bloc	No solid setting	200 N* (45 lb)	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 Max Belastbarkeit Hauptzelle Capacité maxi capteur 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 Empfohlene min Federkraft Charge mini mesurable	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 Tragfähigkeit der 2° Lastzelle Capacité du deuxième capteur	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 Sortierweiche Tri	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 Versorgung / Verbrauch Alimentation / Consommation	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** Produktionsgeschwindigkeit** Cadence indicative**	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

*Die Mindestlast kann durch einen optionalen Stoßdämpfer reduziert werden

*La charge minimale peut être réduite en installant un amortisseur optionnel

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

**Richtwert, der je nach technischer Federgeometrie, Kontrollplan und Toleranzen usw. variieren kann

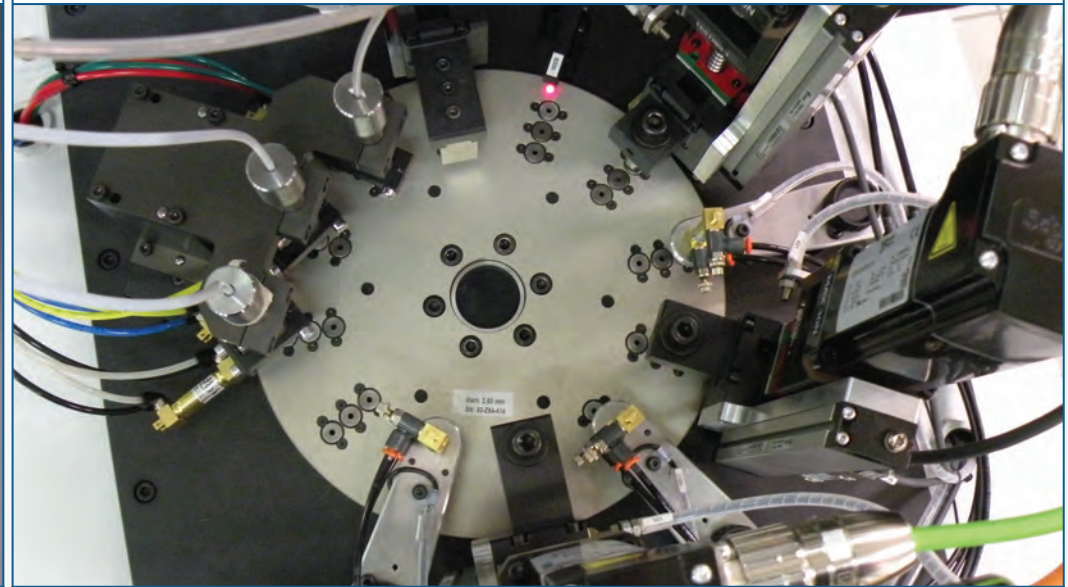
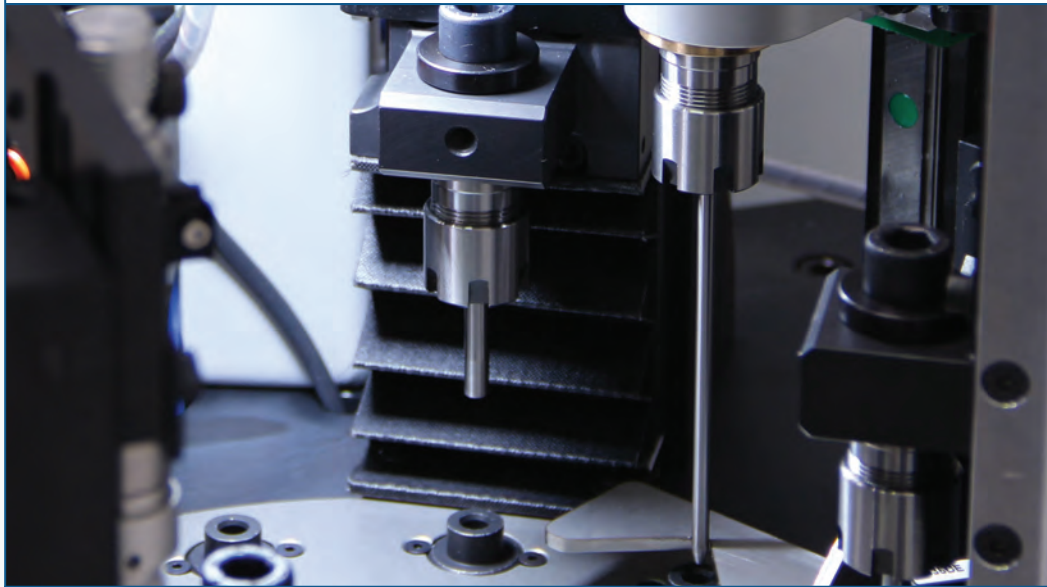
**Valeur indicative pouvant varier selon la géométrie du ressort, le plan de contrôle, les tolérances, etc

	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")	1395 x 1572 x 2169 H mm (54.9 x 61.8 x 85.3 H")

MC54-30



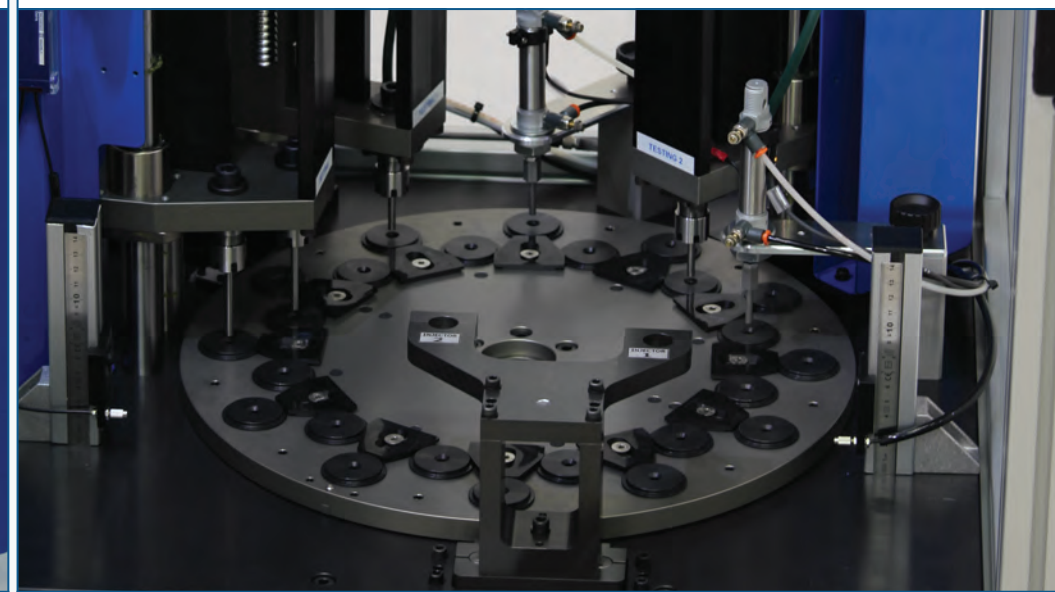
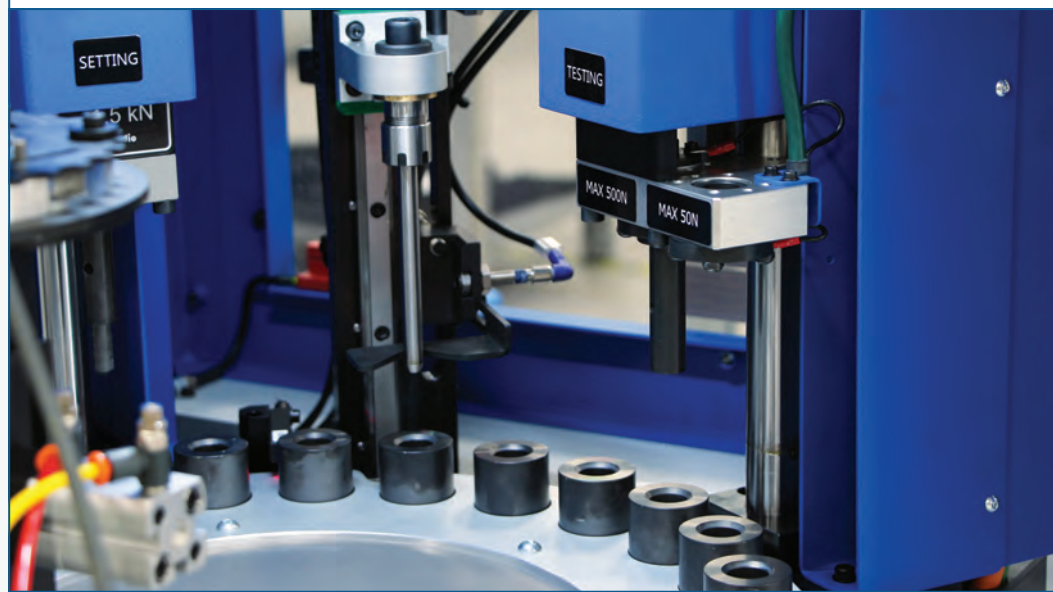
MC54-30x3



MC54-150 / MC54-300



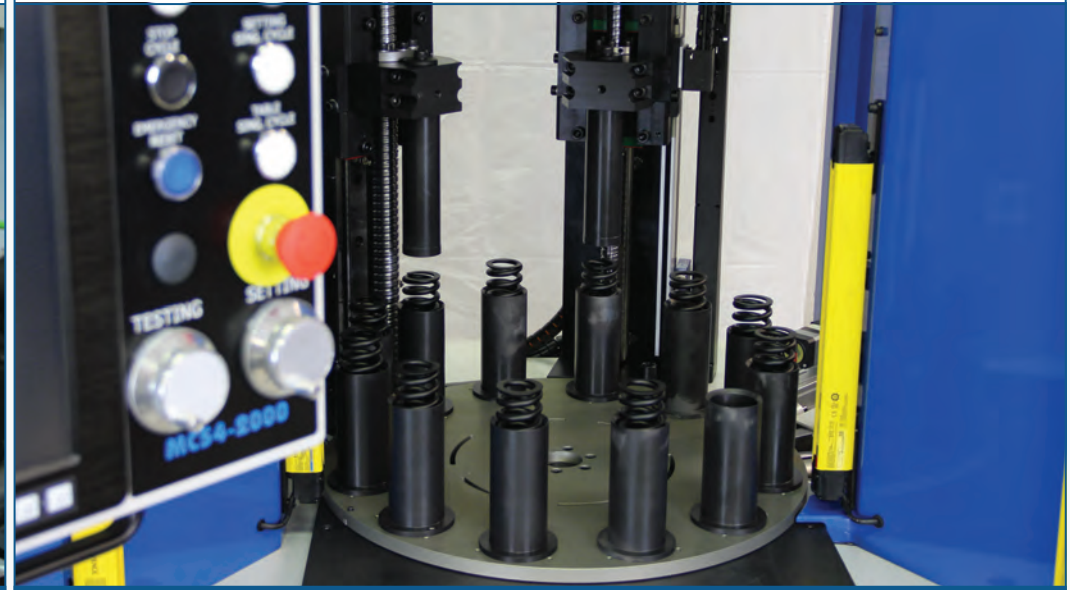
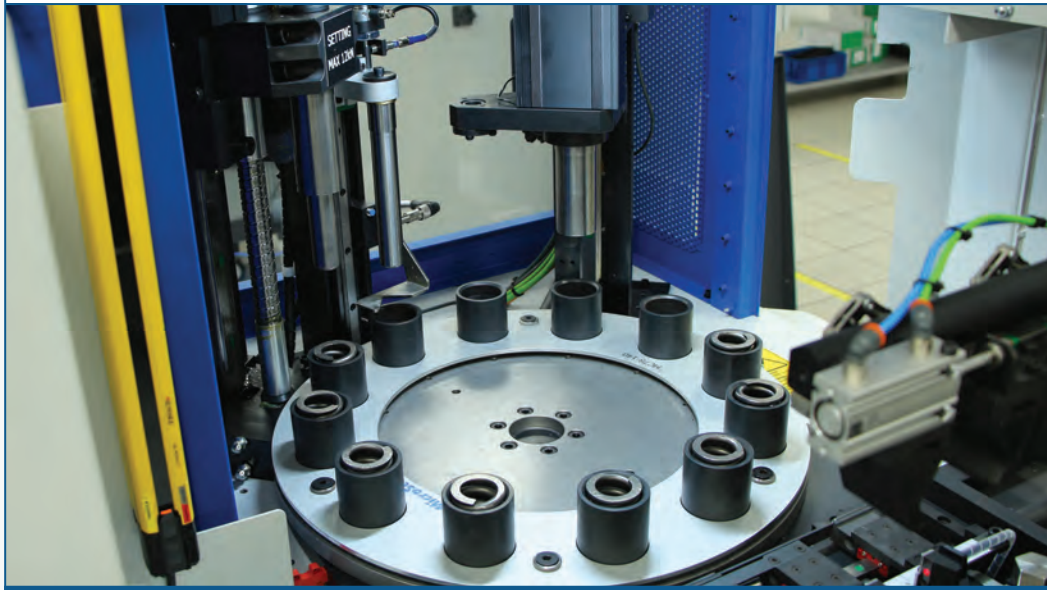
MC54-150x2



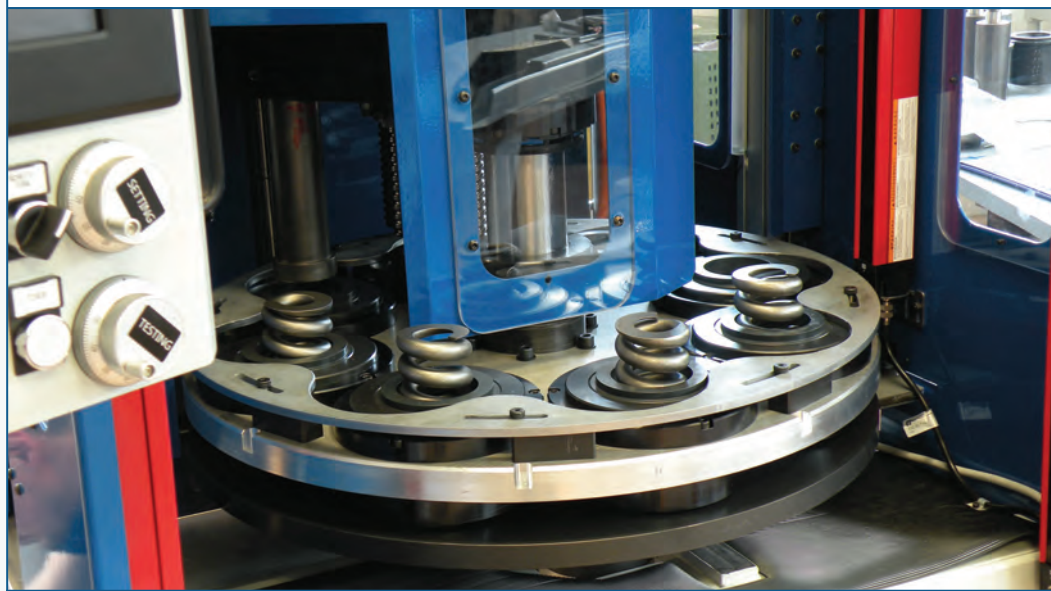
MC54-1000



MC54-2000 / MC54-4000



MC54-8000



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

