

MOTORIZED SLIDE SYSTEMS

SUBMERGED ARC, FCAW, MIG & AUTOMATIC EQUIPMENT



*Non-Standard stroke lengths are available in 5 in increments, up to 60 in.

MANUAL JOINT POSITIONING

Motorized Slide Control Systems by Lincoln Electric® allow for horizontal and vertical axis torch positioning for GMAW, FCAW and submerged arc applications. Recommended for simple, repetitive welding applications, the motorized slide systems provide flexible integration with any welding power source, feeder and controller. Simple system configurations available by selecting a cross slide based on weight and travel stroke length of each axis.

Processes »

Submerged Arc, MIG, FCAW

Input »



Product Number »

See back for complete specs

PRODUCT SPECIFICATIONS

Product Name	Product Number	Standard Stroke Lengths in (mm)	Load Capacity lb (kg) @ in (mm) from faceplate	Input Power Voltage/Phase/Hertz	Tracking Accuracy in (mm)	Travel Speed ipm (m/min)	Tracking Controls	Weight lb (kg)
MS40 Motorized Slide System One-Pak	K52006-0303	3 x 3 (76 x 76)	40 (18) @ 6 (152)	120/230/1/50/60	0.005 (0.127)	24 (0.61) max	Independent horizontal and vertical adjustment speeds	47 (21)
MS40 Motorized Slide System One-Pak	K52006-0606	6 x 6 (152 x 152)						49 (22)
MS250 Motorized Slide System One-Pak	K52009-0505	5 x 5 (127 x 127)	250 (113) @ 12 (305)			32 (0.81) max		88 (40)
MS250 Motorized Slide System One-Pak	K52009-1010	10 x 10 (254 x 254)						102 (46)
MS450 Motorized Slide System One-Pak	K52012-0505	5 x 5 (127 x 127)	450 (204) @ 24 (610)			17 (0.43) max		119 (54)
MS450 Motorized Slide System One-Pak	K52012-1010	10 x 10 (254 x 254)						151 (68)

WHAT'S INCLUDED

Product Name	Product Number	MS40 Motorized Slide System 3x3 (76 x 76) One-Pak [®] [K52006-0303]	MS40 Motorized Slide System 6x6 (152 x 152) One-Pak [K52006-0606]	MS250 Motorized Slide System 5x5 (127 x 127) One-Pak [K52009-0505]	MS250 Motorized Slide System 10x10 (254 x 254) One-Pak [K52009-1010]	MS450 Motorized Slide System 5x5 (127 x 127) One-Pak [K52012-0505]	MS450 Motorized Slide System 10x10 (254 x 254) One-Pak [K52012-1010]
CROSSLIDE ASSEMBLIES							
CS40 Cross Slide 3x3 (76 x 76)	K52013-0303	•					
CS40 Cross Slide 6x6 (152 x 152)	K52013-0606		•				
CS250 Cross Slide 5x5 (127 x 127)	K52014-0505			•			
CS250 Cross Slide 10x10 (254 x 254)	K52014-1010				•		
CS450 Cross Slide 5x5 (127 x 127)	K52015-0505					•	
CS450 Cross Slide 10x10 (254 x 254)	K52015-1010						•
MOTORIZED SLIDE CONTROLS							
MS Control Package for CS250 and CS450 (Control, Pendant and Cables)	K52018-1						
MS Control Package for MC250 and MS450 (Control, Pendant and Cables)	K52059-1						
MS Control Unit	K52025-1	•	•	•	•	•	•
MS Control Pendant – 10 ft (3 m) Cable	K52024-1	•	•	•	•	•	•
Cross Slide Drive Cable Assembly for CS250 & CS450 – 10 ft (3 m)	K52030-1			•	•	•	•

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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THE ONLY SINGLE-SOURCE AUTOMATION PROVIDER

Lincoln Electric has built a solutions portfolio to include all of the competencies to support your need to improve productivity, quality and safety. Lincoln Electric can modify or completely customize the creation of your weld cell to meet those precise needs.

With a global network of facilities and people, you'll get quick response and personalized attention. Contact one of the below facilities for more information on the types of solutions available to help you produce faster, more repeatable, higher quality results.

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