

LX Series SPEC LIST

	High Grade Linear Motor Machine LX-160	High Precision Linear Motor Machine LF-160	High Speed Linear Motor Machine LS-160	High Precision Linear Motor Machine LV-500
Max. Work Size : mm (in.)	Standard with PC H230mm (H9.06in) 20kg Φ160mm (Φ6.29in) H200mm (H7.87in) 20kg Φ160mm (Φ6.29in) Φ160 × H230 (Standard) (Φ6.29 × H9.05) Φ160 × H200 (with PC) (Φ6.29 × H7.87) *Bullet shape	LF-160 LV-500 Standard with PC H230mm (H9.06in) 20kg Φ160mm (Φ6.29in) H200mm (H7.87in) 20kg Φ160mm (Φ6.29in) 100kg Φ160 × H230 (Standard) (Φ6.29 × H9.05) Φ160 × H200 (with PC) (Φ6.29 × H7.87) *Bullet shape	Standard with PC H230mm (H9.06in) 20kg Φ160mm (Φ6.29in) H200mm (H7.87in) 20kg Φ160mm (Φ6.29in) Φ160 × H230 (Standard) (Φ6.29 × H9.05) Φ160 × H200 (with PC) (Φ6.29 × H7.87) *Bullet shape	
Loading Capacity : kg (lb.)	20 (44)	20 (44)	20 (44)	100 (220)
Travel (X/Y/Z) : mm (in.)	500/250/300 (19.68/9.84/11.81)	500/250/300 (19.68/9.84/11.81)	500/250/300 (19.68/9.84/11.81)	500/350/300 (19.68/13.77/11.81)
Travel (B/C) : deg	-125~+125/360	-125~+125/360	-125~+125/360	-
Working Surface : mm (in.)	Φ100 Standard Φ112 Option	Φ100 Standard Φ112 Option	Φ100 Standard Φ112 Option	540 x 350 (21.25/13.77)
Spindle Speed : min ⁻¹	46,000 : BT30 Standard 46,000 : HSK-E40 Option	46,000 : BT30 Standard 46,000 : HSK-E40 Option	40,000 : HSK-E40 46,000 : HSK-E40 Option	46,000 : BT30 Standard 46,000 : HSK-E40 Option
Rapid Traverse (X/Y/Z) : m/min (ipm)	90 (3,543.3)	90 (3,543.3)	90 (3,543.3)	90 (3,543.3)
Rapid Traverse(B/C) : min ⁻¹	100/200	100/200	100/200	-
Number of Tools	10 : BT30 Standard 30/50 : BT30 Option 128/188/248/308/338 : BT30 Option 10 : HSK-E40 Option 30/50 : HSK-E40 Option 128/188/248/308/338 : HSK-E40 Option	10 : BT30 Standard 30/50 : BT30 Option 128/188/248/308/338 : BT30 Option 10 : HSK-E40 Option 30/50 : HSK-E40 Option 128/188/248/308/338 : HSK-E40 Option	10 : HSK-E40 Standard 30/50 : HSK-E40 Option	10 : BT30 Standard 30/50 : BT30 Option 128/188/248/308/338 : BT30 Option 10 : HSK-E40 Option 30/50 : HSK-E40 Option 128/188/248/308/338 : HSK-E40 Option
Number of Pallets	Fixed Table Standard 2 Option 42 : Linear pallet system Option 91 : Linear pallet system Option	Fixed Table Standard 2 Option 42 : Linear pallet system Option 91 : Linear pallet system Option	Fixed Table Standard 2 Option	Fixed Table Standard
NC System	Matsuura L-Tech 30i	Matsuura L-Tech 30i	Matsuura L-Tech 840DsI	Matsuura L-Tech 30i