

PC Controlled CNC Model



MSG-618PC-NC
(Longitudinal Feed Belt Drive)

MSG-618PC-NCL
(Longitudinal Feed Linear Motor Drive)

Standard Canned Cycles

- Surface Grinding
- Slot Grinding
 - Equal Pitch
 - Unequal Pitch
- Step Grinding
- Shift Plunge Grinding
- Creep Feed Grinding
- G Code Grinding
- Manual Grinding
- Flat Dress
- 3 Point Dress
 - In R Dress
 - Out R Dress
- Taper Dress
- Form Dress

Shown with Optional Accessories

	Description	618PC-NC, 618PC-NCL	
		Metric	Inch
Capacity	Table Work Surface	150×480mm	6×19"
	Table Movement	180×500mm	7-1/2×20"
	Max. Height	400mm	16"
Table	Table Speed	0-15m/min	0-50ft/min
	Table Speed (PCNCL)	0-25m/min	0-80ft/min
	One Devision of Dial	0.01mm	0.001"
	Continuous Feed	0-3000mm/min	0-10ft/min
Crossfeed	One Revolution of Dial	0.01/0.1/1mm	0.001/0.01/0.1"
	One Devision of Dial	0.0001mm	0.00001"
	Continuous Feed	0-330mm/nib	0-13"/min
	Min.Increment	0.0001mm	0.00001"
	Increment Feed	0.0001mm	0.00001"
Head	One Revolution of Dial	0.01/0.1/1mm	0.001/0.01/0.1"
	One Devision of Dial	0.0001mm	0.00001"
	Continuous Feed	0-300mm/min	0-13"/min
	Min.Increment	0.0001mm	0.00001"
Wheel	Wheel size	205×20×31.75mm	8×3/4×1-1/4"
	Spindle Speed	500-4000rpm	
Motor	Spindle	1.5kw 2P V-3	
	Crossfeed	0.45kw	
	Verticalfeed	0.45kw	
	Longitudinal Feed	0.85kw	
	Longitudinal Feed (PCNCL)	Coreless Linear Motor 3kw	
Guide&Drive	Crossfeed	Linear Guide&Ball Screw	
	Verticalfeed	Linear Guide&Ball Screw	
	Longitudinal Feed	Linear Ball Bearings/Hardened Steel Ways	
	Longitudinal Feed (PCNCL)	Linear Guide&LinearMotor	
CNC	NC System	PC+Motion Control	
	Control Axis	3 Axis	
	Simultaneous Axis	2 Axis	
Power	Power Supply	3 Phase 200-220V 50/60Hz	
	Power Required	11kVA	
Floor Space	Width x Length x Height	2550×1600×1800mm	100"×63"×71"
Gross Weight		1100kg	2,425lbs



MSG-818PC-NCL
(Longitudinal Feed Linear Motor Drive)



MSG-818PC-NC
(Longitudinal Feed Belt Drive)

Standard Canned Cycles

- Surface Grinding
- Slot Grinding
 - Equal Pitch
 - Unequal Pitch
- Step Grinding
- Shift Plunge Grinding
- Creep Feed Grinding
- G Code Grinding
- Manual Grinding
- Flat Dress
 - 3 Point Dress
 - In R Dress
 - Out R Dress
 - Taper Dress
 - Form Dress

Shown with Optional Accessories

	Description	818PC-NC, 818PC-NCL	
		Metric	Inch
Capacity	Table Work Surface	200×480mm	8×19"
	Table Movement	230×500mm	9×20"
	Max. Height	400mm	16"
Table	Table Speed	0-15m/min	0-50ft/min
	Table Speed (PCNCL)	0-25m/min	0-80ft/min
	One Devision of Dial	0.01mm	0.001"
	Continuous Feed	0-3000mm/min	0-10ft/min
Crossfeed	One Revolution of Dial	0.01/0.1/1mm	0.001/0.01/0.1"
	One Devision of Dial	0.0001mm	0.00001"
	Continuous Feed	0-330mm/nib	0-13"/min
	Min.Increment	0.0001mm	0.00001"
	Increment Feed	0.0001mm	0.00001"
Head	One Revolution of Dial	0.01/0.1/1mm	0.001/0.01/0.1"
	One Devision of Dial	0.0001mm	0.00001"
	Continuous Feed	0-300mm/min	0-13"/min
	Min.Increment	0.0001mm	0.00001"
Wheel	Wheel size	205×20×31.75mm	8×3/4×1-1/4"
	Spindle Speed	500-4000rpm	
Motor	Spindle	1.5kw 2P V-3	
	Crossfeed	0.45kw	
	Verticalfeed	0.45kw	
	Longitudinal Feed	0.85kw	
	Longitudinal Feed (PCNCL)	Coreless Linear Motor 3kw	
Guide&Drive	Crossfeed	Linear Guide&Ball Screw	
	Verticalfeed	Linear Guide&Ball Screw	
	Longitudinal Feed	Linear Ball Bearings/Hardened Steel Ways	
	Longitudinal Feed (PCNCL)	Linear Guide&LinearMotor	
CNC	NC System	PC+Motion Control	
	Control Axis	3 Axis	
	Simultaneous Axis	2 Axis	
Power	Power Supply	3 Phase 200-220V 50/60Hz	
	Power Required	11kVA	
Floor Space	Width x Length x Height	2550×1600×1800mm	100"×63"×71"
Gross Weight		1100kg	2,425lbs