

CENTERLESS GRINDER 無心磨床伺服系列



JAG-18C-SP
(servo system)

Regulating wheel servo transmission system
Regulating wheel is driven by servo motor and it provides control of speeds from 10 to 250 RPM. The variable speed design function offers a premiere grinding condition to the different material of the workpiece and O.D grinding process.

調整輪傳動系統
調整輪由伺服馬達驅動，可調整轉速範圍為10~250RPM，其無段變速功能對於不同材質及外徑研磨加工，提供優勢的研磨條件。

MODEL	JAG-12C-SP	JAG-18C-SP	JAG-1810-SP	JAG-1812-SP	JAG-20C-SP	JAG-2010-SP	JAG-2012-SP
Grinding range (dia) 標準刀架磨削直徑	1-30mm (0.04"-1.58")	1-50mm (0.04"-2")	1-50mm (0.04"-2")	1-50mm (0.04"-2")	1-60mm	1-60mm	1-60mm
Grinding wheel size (dia x width x hole) 研磨砂輪尺寸(外徑x寬度x孔徑)	305x150x120mm (12"x6"x5")	455x255x228.8mm (18"x8"x9")	455x255x228.8mm (18"x8"x9")	455x305x228.8mm (18"x12"x9")	510x205x304.8 (20"x8"x12")	510x255x304.8 (20"x10"x12")	510x305x304.8 (20"x12"x12")
Regulating wheel size (dia x width x hole) 調整輪尺寸(外徑x寬度x孔徑)	205x150x90mm (8"x6"x3.54")	255x205x111.2mm (10"x8"x4.38")	255x205x111.2mm (10"x8"x4.38")	255x305x111.2mm (10"x12"x4.38")	305x205x127 (12"x8"x5")	305x255x127 (12"x10"x5")	305x205x127 (12"x12"x5")
Grinding wheel speed 砂輪研磨轉速	1900 R.P.M	1350 R.P.M	1350 R.P.M	1350 R.P.M	1200 R.P.M	1200 R.P.M	1200 R.P.M
Regulating wheel speed 調整輪轉速	10-250 R.P.M	10-250 R.P.M	10-250 R.P.M	10-250 R.P.M	10-250 R.P.M	10-250 R.P.M	10-250 R.P.M
Grinding wheel motor 砂輪驅動馬達	7.5HP 4P	15HP 4P	15HP 4P	15HP 4P	20HP 4P	20HP 4P	20HP 4P
Regulating wheel servo motor 調整輪伺服馬達	2HP	4HP	4HP	4HP	4HP	4HP	4HP
Hydraulic pump motor 油壓幫浦驅動馬達	1HP 4P	1HP 4P	1HP 4P	1HP 4P	1HP 4P	1HP 4P	1HP 4P
Coolant pump motor 冷卻液系統驅動馬達	1/8HP 2P	1/4HP 2P	1/4HP 2P	1/4HP 2P	1/4HP 2P	1/4HP 2P	1/4HP 2P
Upper slide feed graduation 上滑板進刀(每刻度)	3.5mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)	4mm(Rev.) 0.05mm(Gra.)
Upper slide micro feed graduation 上滑板微進刀(每刻度)		0.1mm(Rev.) 0.001mm(Gra.)	0.1mm(Rev.) 0.001mm(Gra.)	0.1mm(Rev.) 0.001mm(Gra.)	0.1mm(Rev.) 0.001mm(Gra.)	0.1mm(Rev.) 0.001mm(Gra.)	0.1mm(Rev.) 0.001mm(Gra.)
Lower slide feed graduation 下滑板進刀(每刻度)	7mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)	10mm(Rev.) 0.05mm(Gra.)
Lower slide micro feed graduation 下滑板微進刀(每刻度)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)	0.2mm(Rev.) 0.001mm(Gra.)
Dressing device graduation 修整裝置(每刻度)	1.25mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)	2mm(Rev.) 0.01mm(Gra.)
Regulating wheel tilt angle 調整輪傾斜角度	± 5°	± 5°	± 5°	± 5°	± 5°	± 5°	± 5°
Regulating wheel swivel angle 調整輪旋轉角度	± 5°	± 5°	± 5°	± 5°	± 5°	± 5°	± 5°
Net weight (approx) 淨重	1600Kgs (3527 lbs)	3000Kgs (6613 lbs)	3100Kgs (6613 lbs)	4858Kgs	4100Kgs	4200Kgs	5558Kgs
Shipping gross weight (approx) 毛重	1850Kgs (4079 lbs)	3300Kgs (7274 lbs)	3400Kgs (7274 lbs)	5258Kgs	4600Kgs	4700Kgs	6058Kgs
Size of machine (approx) (LxWxH) 包裝尺寸(LxWxH)	2250x1100x1700mm	2400x2400x1650mm	2400x2400x1650mm	2400x2400x1650mm	3200x2500x1650mm	3200x2500x1650mm	3200x2500x1650mm

*All specifications and design are subject to change without notice. / *本公司保有變更設計之權力恕不另行通知



無心磨床伺服系列 CENTERLESS GRINDER SERIES Servo transmission system



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