

MILLSTAR

JIUH-YEH

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MILLSTAR

JIUH-YEH

VERTICAL / VERTICAL & HORIZONTAL MILLING MACHINE

Knee Type

15/16/18/860
20A/20B/26/28



CE 
ISO 9001:2015

MILLSTAR DEVELOPED FOR
CHALLENGING VERTICAL OPERATIONS

KNEE TYPE 15/16/18/860/20A/20B/26/28

VERTICAL / VERTICAL & HORIZONTAL TURRET MILLING MACHINE 立式 / 立臥兩用砲塔頭銑床



JY-15

8 Steps / 八段變速	
60Hz	80-135-210-325-600-1115-1750-2720 RPM
50Hz	68-115-185-285-400-910-1500-2280 RPM
16 Steps / 十六段變速	
50 2P	136-230-370-570-1080-1820-3000-4560 RPM
4P	68-115-185-285-400-910-1500-2280 RPM

X/Y/Z 700/360/400



JY-16

8 Steps / 八段變速	
60Hz	86-120-195-320-570-1040-1680-2700 RPM
50Hz	68-115-185-285-400-910-1500-2280 RPM
16 Steps / 十六段變速	
50 2P	136-230-370-570-1080-1820-3000-4560 RPM
4P	68-115-185-285-400-910-1500-2280 RPM

X/Y/Z 850/426/400



JY-20A

10 Steps / 十段變速	
60Hz	75-125-195-280-420-600-1050-1610-2360-3500 RPM
50Hz	60-100-160-230-350-530-860-1320-1940-2870 RPM

X/Y/Z 750/440/460



JY-20B

10 Steps / 十段變速	
60Hz	75-125-195-280-420-600-1050-1610-2360-3500 RPM
50Hz	60-100-160-230-350-530-860-1320-1940-2870 RPM

X/Y/Z 1000/420/400



JY-18

10 Steps / 十段變速	
60Hz	70-125-190-285-420-600-1025-1530-2200-3350 RPM
50Hz	58-110-165-240-360-500-870-1290-1900-2780 RPM

20 Steps / 二十段變速	
50 2P	116-220-330-480-720-1000-1740-2580-3800-5560 RPM
4P	58-110-165-240-360-500-870-1290-1900-2780 RPM

X/Y/Z 800/426/470



JY-860

10 Steps / 十段變速	
60Hz	70-125-190-285-420-600-1025-1530-2200-3350 RPM
50Hz	58-110-165-240-360-500-870-1290-1900-2780 RPM

20 Steps / 二十段變速	
50 2P	116-220-330-480-720-1000-1740-2580-3800-5560 RPM
4P	58-110-165-240-360-500-870-1290-1900-2780 RPM

X/Y/Z 860/400/470



JY-26

10 Steps / 十段變速	
60Hz	70-125-190-285-420-600-1025-1530-2200-3350 RPM
50Hz	58-110-165-240-360-500-870-1290-1900-2780 RPM

20 Steps / 二十段變速	
50 2P	116-220-330-480-720-1000-1740-2580-3800-5560 RPM
4P	58-110-165-240-360-500-870-1290-1900-2780 RPM

Horizontal mill spindle speed (9 steps) / 橫銑主軸轉速 (九段)	
60Hz	92-204-241-251-536-590-660-1311-1614 RPM
50Hz	73-163-193-201-428-471-527-1046-1288 RPM

X/Y/Z 1000/400/470



JY-28

10 Steps / 十段變速	
60Hz	75-125-195-280-420-600-1050-1610-2360-3500 RPM
50Hz	60-100-160-230-350-530-860-1320-1940-2870 RPM

Horizontal mill spindle speed (9 steps) / 橫銑主軸轉速 (九段)	
60Hz	92-204-241-251-536-590-660-1311-1614 RPM
50Hz	73-163-193-201-428-471-527-1046-1288 RPM

X/Y/Z 1000/400/440

MILLSTAR
精機

Knee type
JY SERIES

立臥 / 立式砲塔式銑床

/ QUALITY FEATURES ASSURE GREAT MILLING PERFORMANCE

銑削性能的極致展現



/ TURRET TYPE HEAD
(Infinite variable speeds)(Optional)
Variable speeds 50~3,500 rpm.
/ 砲塔式立銑頭(無段變速)(選配)
無段50~3500rpm。



/ TURRET TYPE HEAD
(Inverter Speeds) (Optional)
Inverter speeds 55~3,600 rpm.
/ 砲塔式立銑頭(變頻變速)(選配)
變頻55~3600rpm。



/ HORIZONTAL SPINDLE & TRANSMISSION MECHANISM
The NST#40 spindls is precision machined from SCM-415 alloy steel, tempered and carbon treated to minimize strain. The spindle runs on precision bearings for long term high speed running, heavy duty cutting and maximum stability.
/ 橫主軸及傳動機構
NST#40主軸採SCM-415合金鋼精密加工，並經調質、滲碳處理，將應變降到最低程度。主軸採用精密軸承，耐長期高速運轉及重切削，穩定性優異。



/ POWER FEED UNIT
Optional:With power feed mechanism can shorten the customer processing time, improve processing efficiency.
/ 自動進給機構(選配)
選配:搭配自動進給機構可縮短客戶加工時間，提升加工效率。



/ X,Y axis with gear feed (opt.)
9 steps, federate: 1300 mm/min.
/ X/Y軸齒輪箱裝置(選配)
軸向進給可採用齒輪箱機構傳遞，有效提升切削特性，9段變速，速度可達1300 mm/min。



/ SERVO FEEDER FOR TWO AXES (Opt.)
The X and Y axes are driven by an AC servo feed device.
/ X/Y軸伺服進刀器(選配)



/ POWER ELEVATION OF KNEE (Opt. JY15/16)
The knee elevation is driven by an individual motor for convenient operation. The knee also has a rapid traverse function.
/ 升降座電動升降(選配JY15/16)
升降座配置獨立馬達驅動升降，操作更方便。



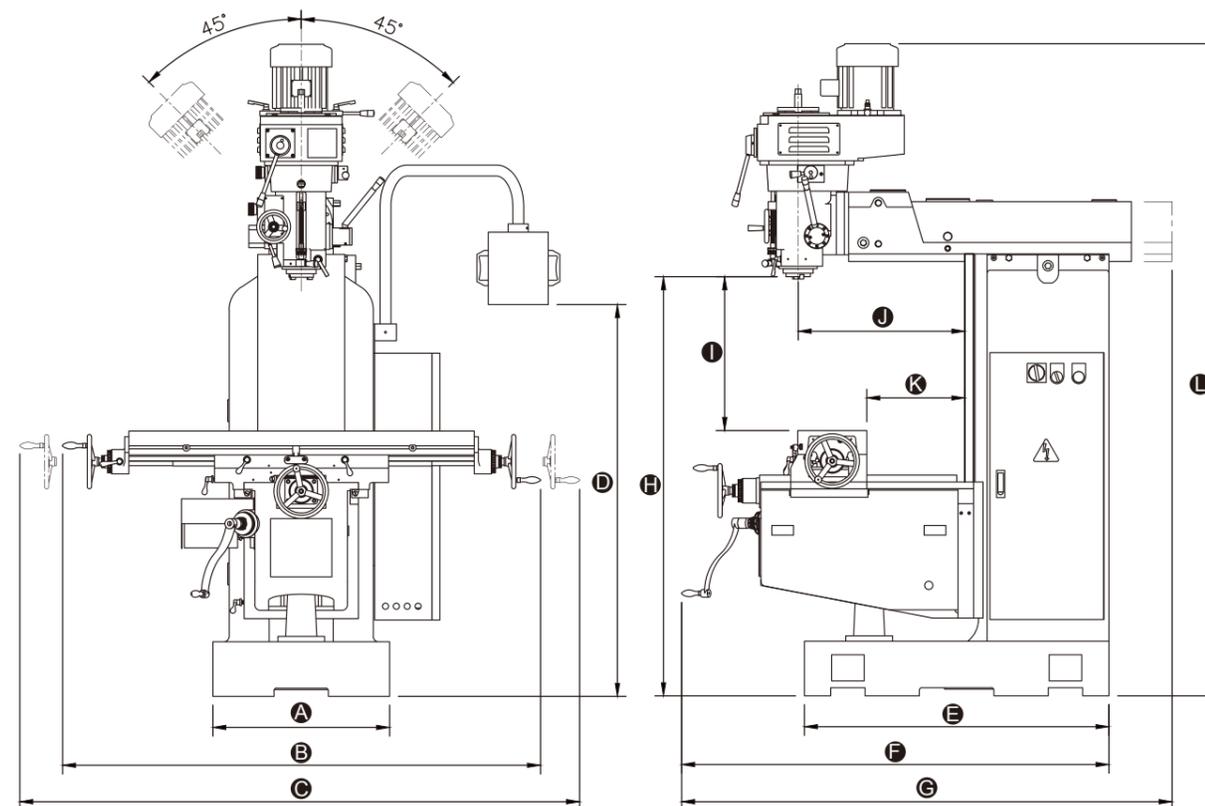
/ Fagor Digital Readout (D.R.O) (Optional)
LCD or LED display.
Up to 4 axes, resolution 0.1 ~ 5um.
Linear or Angular encoder. Bolt-hole drilling. Linear drilling. Grid pattern drilling.
/ 發格三軸光學尺(選配)
液晶或發光二極體七段顯示器。最多可接四軸。解析度0.1~5um。可使用直線光學尺或角度編碼器。圓周孔加工。直線孔加工。矩陣孔加工。



/ INTEGRATED AUTOMATIC LUBRICATOR (Opt. JY15/16)
The powerful automatic lubricator delivers oil to all slideways to ensure smooth travel at all times.
/ 集中式自動潤滑器(選配JY15/16)
強勁潤滑器提供所有滑道之自動潤滑，確保機械操作之順暢性。

/ MACHINE FLOOR PLAN

佔地面積示意圖



Model Dimension:

型號	尺寸/mm	A	B	C	D	E	F	G	H	I	J	K	L
JY-15		600	1500	2200	-	910	1380	1800	1370	50-450	45-502	35-345	2150
JY-16		620	1700	2550	-	985	1500	2120	1470	50-450	60-620	42-468	2320
JY-18		640	1730	2530	1370	1100	1530	2040	1550	90-560	85-625	30-456	2420
JY-860		640	2000	2860	1370	1100	1530	2040	1550	20-490	85-625	30-430	2420
JY-20A		650	1770	2440	1400	1120	1580	2250	1540	100-560	185-755	30-470	2420
JY-20B		650	2100	3100	1400	1120	1580	2250	1540	100-500	185-755	30-450	2420
JY-26		720	2100	3100	1400	1100	1570	2270	1550	100-570	180-880	30-430	2520
JY-28		720	2100	3100	1400	1120	1570	2270	1550	100-540	180-880	30-430	2520

- All machine floor plan data shown above subject to change without prior notice, Actual product specifications will be based on the delivery.
- 由於本公司不斷的研究改進，本型錄所示之機械佔地面積圖規格本公司有變更之權利恕不另行通知，實際仍需以出貨為準。

