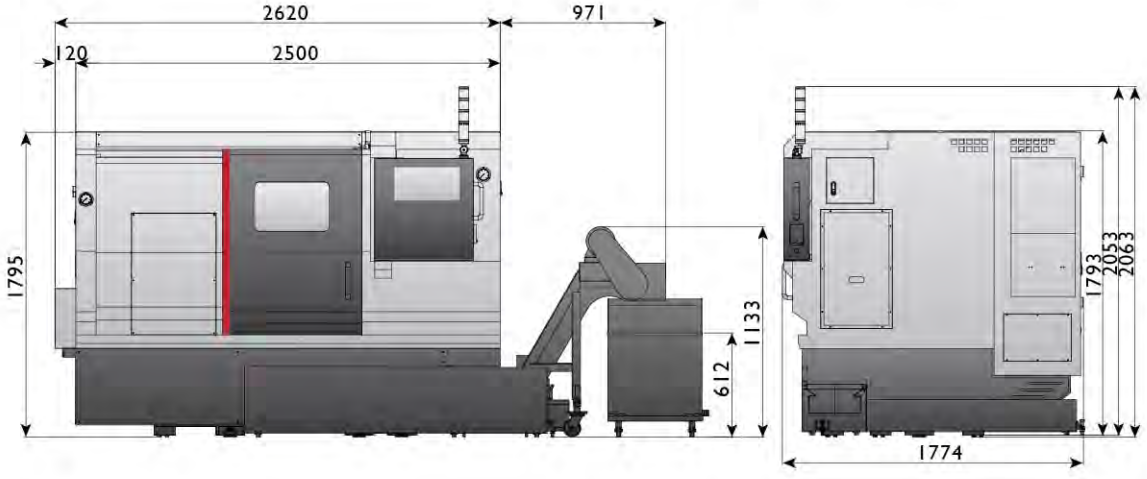
YDPM
www.yidacnc.com

LATHES

BML-560S

- Fanuc 0i-mate-TD controller+8.4"color LCD+manual guide 0i
- FANUC spindle motor β 12/7000 (11/15kW)
- FANUC servo motor β S 12/3000 X/Z: 1.8/1.8kW
- Draw bar dia.: 52 mm
- STRONG 8"3-jaw hydraulic hollow chuck
- Spindle speed 4,500 rpm
- LioShing 10-Tool Hydraulic Turret (LS-160A)
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Wedge Type Tool Clamps (for OD Tools)
- Boring Bar Holders
- Boring bar bushings (Ø8, Ø10, Ø12, Ø16, Ø20, Ø25, Ø32) x O.D.40
- Work lamp + End of program indicator (3-color)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- 1*Soft and 1*Hard Jaws
- leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operator & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-560S	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 6" (Ø 8")	
Swing over bed / saddle (mm)	Ø560 / Ø420	
Distance between centers (mm)	537	
Max. machining dia. (mm)	Ø320	Ø300
Max. machining length (mm)	320	
Travels		
X/Z-axis (mm)	190 / 360	190 / 360
Spindle		
Spindle speeds (rpm)	6000 (4500)	
Spindle nose	A2-5 (A2-6)	
Spindle bore dia. / Draw bar dia. (mm)	Ø55 / Ø45 (Ø62 / Ø52, Ø76 / Ø65)	
Front bearing inner dia. (mm)	Ø80 (Ø100)	
Turret		
Stations	8 (10)	12
Square tool shank	25x25	20x20
Boring bar shank diameter	Ø40	Ø32
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		5000
Tool servo motor (kW)		α2 2.2 / 3.7
Feedrate		
X/Z-axis rapid traverse (M/min)	20 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø65 / 50	
Quill bore taper	MT-4	
Motors		
Main spindle (kW)	β8 7.5/11 (β12, α8)	
X/Z-axis servo motor (kW)	β8 1.2 / β8 1.2 (β12, α8)	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±3 / ±2	
General		
Packing (w/conveyor) (cm)	387x228x218	
Net weight (w/conveyor) (kgs)	3600	
Power (KVA)	380-415/220V 15KVA	



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

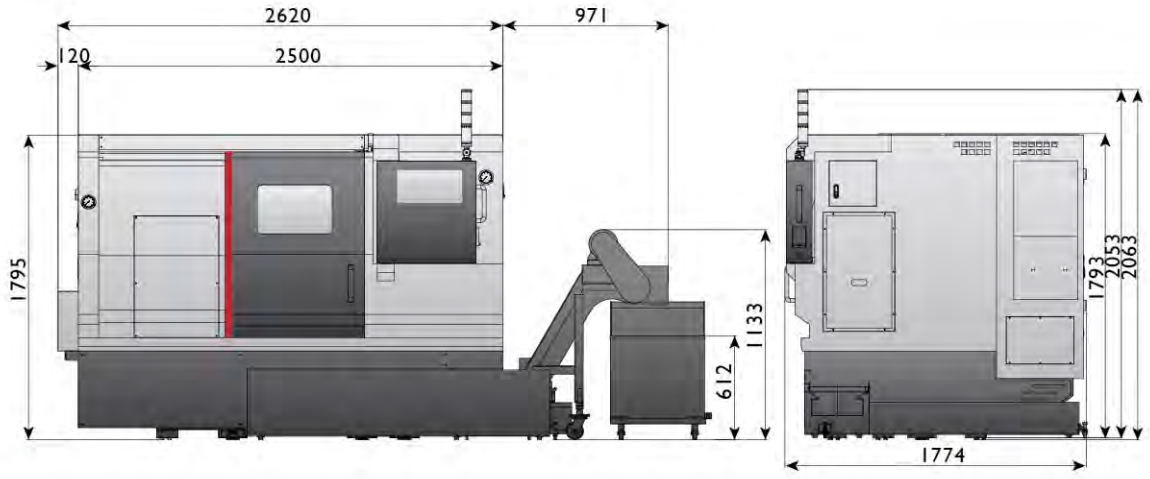
YOPM
www.yidacnc.com

LATHES

BML-560M

- Fanuc 0i-mate-TD controller+8.4"color LCD+manual guide 0i
- FANUC spindle motor β 12/7000 (11/15kW)
- FANUC servo motor β S 12/3000 X/Z: 1.8/1.8kW
- Draw bar dia.: 52 mm
- STRONG 8"3-jaw hydraulic hollow chuck
- Spindle speed 4,500 rpm
- LioShing 10-Tool Hydraulic Turret (LS-160A)
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Wedge Type Tool Clamps (for OD Tools)
- Boring Bar Holders
- Boring bar bushings (Ø8, Ø10, Ø12, Ø16, Ø20, Ø25, Ø32) x O.D.40
- Work lamp + End of program indicator (3-color)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- 1*Soft and 1*Hard Jaws
- leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operator & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-560M	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 6" (Ø 8")	
Swing over bed / saddle (mm)	Ø 560 / Ø 420	
Distance between centers (mm)	787	
Max. machining dia. (mm)	Ø320	Ø300
Max. machining length (mm)	570	
Travels		
X/Z-axis (mm)	190 / 610	190 / 610
Spindle		
Spindle speeds (rpm)	6000 (4500)	
Spindle nose	A2-5 (A2-6)	
Spindle bore dia. / Draw bar dia. (mm)	Ø55 / Ø45 (Ø62 / Ø52, Ø76 / Ø65)	
Front bearing inner dia. (mm)	Ø80 (Ø100)	
Turret		
Stations	8 (10)	12
Square tool shank	25x25	25x25
Boring bar shank diameter	Ø40	Ø32
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		5000
Tool servo motor (kW)		α2 2.2/3.7
Feedrate		
X/Z-axis rapid traverse (M/min)	20 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø65 / 50	
Quill bore taper	MT-4	
Motors		
Main spindle (kW)	β8 7. 5 /11 (α8, β12)	
X/Z-axis servo motor (kW)	β8 1.2 / β8 (α8, β12)	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±4 / ±3	
General		
Packing (w/conveyor) (cm)	404x228x218	
Net weight (w/conveyor) (kgs)	4170	
Power (KVA)	380-415/220V 1KVA	



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

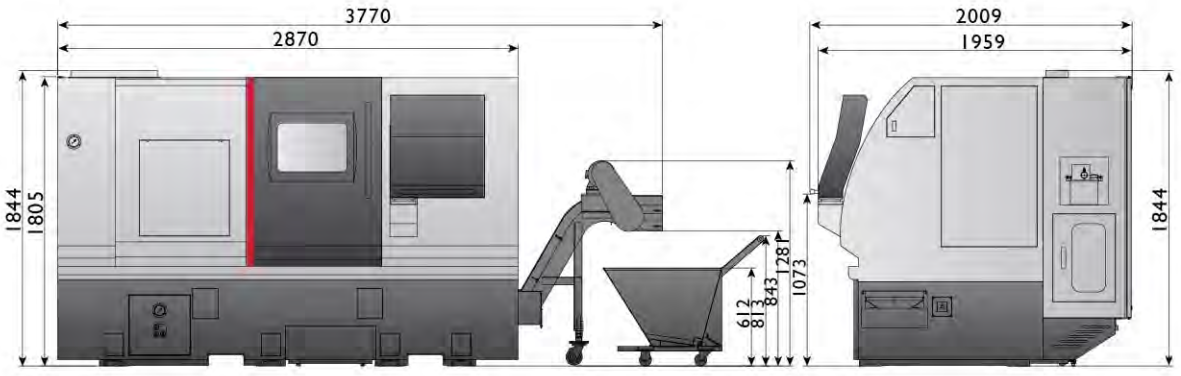
YDPM
www.yidacnc.com

LATHES

BML-600S

- FANUC 0i-TD controller + 8.4"color LCD + manual guide 0i
- FANUC spindle motor αP30/6000 15/18.5 kW
- FANUC servo motor αF12/3000 X/Z: 3 / 3 KW
- Draw bar dia.:75 mm.
- LIOSHING 10-tool hydraulic turret
- STRONG 10" 3-jaw chuck hydraulic hollow chuck
- Spindle speed 3,500 rpm
- 1*hard jaw & 1*soft jaw
- boring bar holder (40mm) I.D.
- Boring bar bushing (Ø8, Ø 10, Ø12, Ø16, Ø20, Ø 25, Ø 32) × O.D. 40
- Wedge Type Tool Clamps (for OD Tools)
- Taper sleeve (MT2 & MT3 & MT4) x O.D. 40
- Coolant system
- Automatic lubrication system
- Programmable tailstock will MT5 quill
- Work lamp + End of program indicator (3-color)
- leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operation & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-600S	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 10" (Ø 8")	
Swing over bed / saddle (mm)	Ø 600 / Ø 450	
Distance between centers (mm)	567 (615)	
Max. machining dia. (mm)	Ø420	Ø360
Max. machining length (mm)	544 (560)	
Travels		
X/Z-axis (mm)	230 / 590	246 / 590
Spindle		
Spindle speeds (rpm)	50~3500 (50~4500)	
Spindle nose	A2-8 (A2-6)	
Spindle bore dia. / Draw bar dia. (mm)	Ø86 (Ø62)	
Front bearing inner dia. (mm)	Ø86/Ø75 (Ø62/Ø52)	
Turret		
Stations	10	12
Square tool shank	25x25	25x25
Boring bar shank diameter	Ø40	Ø40
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		50~4000
Tool servo motor (kW)		α3 3.7/5.5
Feedrate		
X/Z-axis rapid traverse (M/min)	16 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø85 / 120	
Quill bore taper	MT-5	
Motors		
Main spindle (kW)	α30ip 15/18.5 (α22ip 11/15)	
X/Z-axis servo motor (kW)	α12 3.0 / α12 3.0	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±5 / ±4	
General		
Packing (w/conveyor) (cm)	383x212x212	
Net weight (w/conveyor) (kgs)	5430	
Power (KVA)	380-415/220V 26KVA	



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

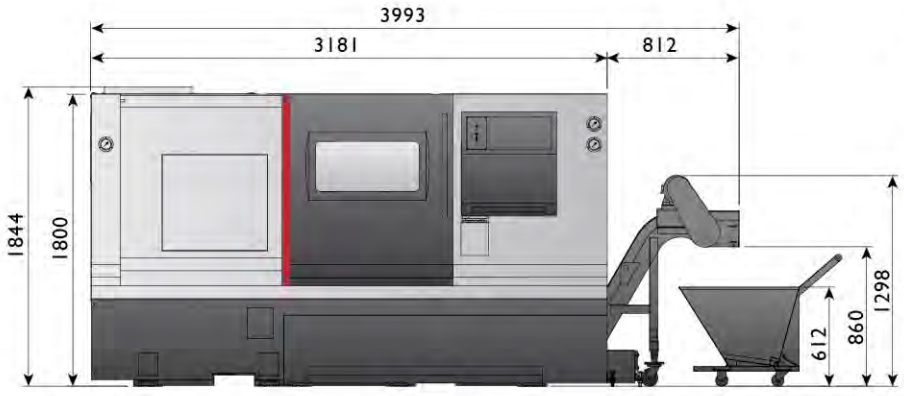
YOPM
www.yidacnc.com

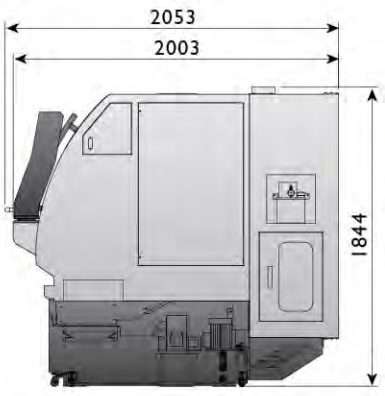
LATHES

BML-600M

- FANUC 0i-TD controller + 8.4"color LCD + manual guide 0i
- FANUC spindle motor αP30/6000 (15/18.5 kW)
- FANUC servo motor X/Z:αF12/3000 (3 / 3 KW)
- Draw bar diameter: 75 mm
- STRONG 10"3-jaw chuck A2-8, hydraulic hollow chuck
- LIOSHING 10-tool hydraulic turret
- Spindle speed 3,500 rpm
- hard jaw & soft jaw
- boring bar holder (40mm) I.D.
- Boring bar bushing (Ø8, Ø 10, Ø12, Ø16, Ø20, Ø 25, Ø 32) × O.D. 40
- Wedge Type Tool Clamps (for OD Tools)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Work lamp + End of program indicator (3-color)
- Leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operation & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-600M	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 10" (Ø 12")	
Swing over bed / saddle (mm)	Ø 600 / Ø450	
Distance between centers (mm)	880 (894)	
Max. machining dia. (mm)	Ø420	Ø360
Max. machining length (mm)	794 (775)	
Travels		
X/Z-axis (mm)	230 / 837	246 / 837
Spindle		
Spindle speeds (rpm)	50~3500 (50-3000[78mm], 50-2500[91mm])	
Spindle nose	A2-8	
Spindle bore dia. / Draw bar dia. (mm)	Ø85/ Ø75 (Ø91/ Ø78, Ø105/Ø91)	
Front bearing inner dia. (mm)	Ø120 (Ø130, Ø140)	
Turret		
Stations	10	12
Square tool shank	25x25	25x25
Boring bar shank diameter	Ø40	Ø40
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		50~4000
Tool servo motor (kW)		α3 3.7/5.5
Feedrate		
X/Z-axis rapid traverse (M/min)	16 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø85 / 120	
Quill bore taper	MT-5	
Motors		
Main spindle (kW)	α30ip 15/18.5	
X/Z-axis servo motor (kW)	α12 3.0 / α12 3.0	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±5 / ±4	
General		
Packing (w/conveyor) (cm)	432x230x221	
Net weight (w/conveyor) (kgs)	6050	
Power (KVA)	380-415/220V 26KVA	





奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com

TÜV Rheinland certified

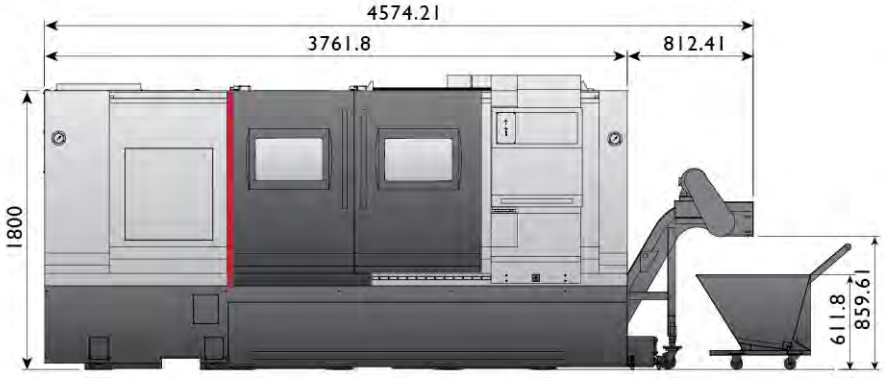
YDPM
www.yidacnc.com

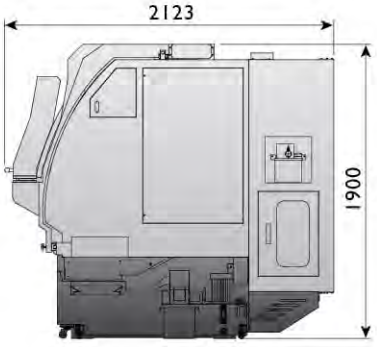
LATHES

BML-600L

- FANUC 0i-TD controller + 8.4"color LCD + manual guide 0i
- FANUC spindle motor αP30/6000 (15/18.5 kW)
- FANUC servo motor X/Z:αF12/3000 (3 / 3 KW)
- Draw bar diameter: 75 mm
- STRONG 10"3-jaw chuck A2-8, hydraulic hollow chuck
- LIOSHING 10-tool hydraulic turret
- Spindle speed 3,500 rpm
- hard jaw & soft jaw
- boring bar holder (40mm) I.D.
- Boring bar bushing (Ø8, Ø 10, Ø12, Ø16, Ø20, Ø 25, Ø 32) × O.D. 40
- Wedge Type Tool Clamps (for OD Tools)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Work lamp + End of program indicator (3-color)
- Leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operation & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-600L	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 10" (Ø 12")	
Swing over bed / saddle (mm)	Ø 600 / Ø450	
Distance between centers (mm)	1380 (1394)	
Max. machining dia. (mm)	Ø420	Ø360
Max. machining length (mm)	1294 (1275)	
Travels		
X/Z-axis (mm)	230 / 1337	246 / 1337
Spindle		
Spindle speeds (rpm)	50~3500 (50-3000[78mm], 50-2500[91mm])	
Spindle nose	A2-8	
Spindle bore dia. / Draw bar dia. (mm)	Ø85/ Ø75 (Ø91/ Ø78, Ø105/Ø91)	
Front bearing inner dia. (mm)	Ø120 (Ø130, Ø140)	
Turret		
Stations	10	12
Square tool shank	25x25	25x25
Boring bar shank diameter	Ø40	Ø40
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		50~4000
Tool servo motor (kW)		α3 3.7/5.5
Feedrate		
X/Z-axis rapid traverse (M/min)	16 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø85 / 120	
Quill bore taper	MT-5	
Motors		
Main spindle (kW)	α30ip 15/18.5	
X/Z-axis servo motor (kW)	α12 3.0 / α12 3.0	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±6 / ±5	
General		
Packing (w/conveyor) (cm)	472x229x221	
Net weight (w/conveyor) (kgs)	7000	
Power (KVA)	380-415/220V 26KVA	





奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

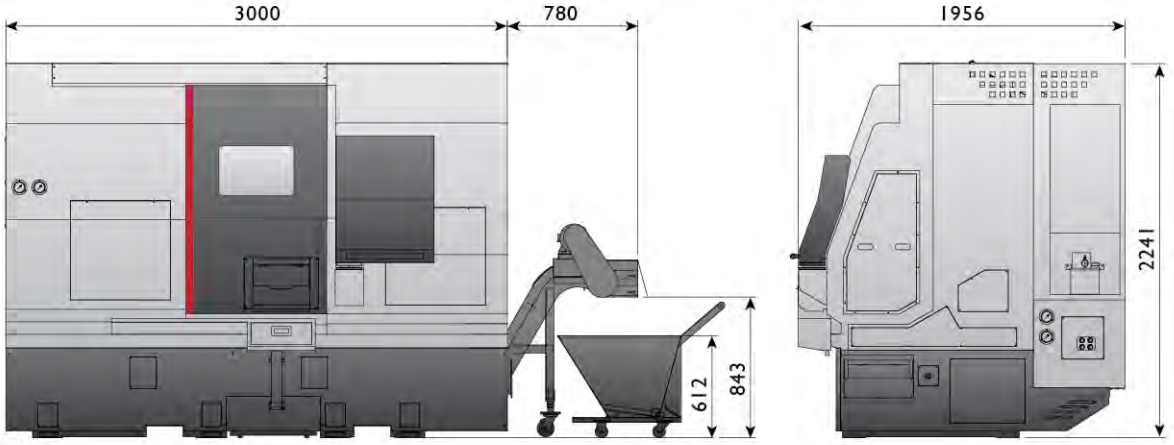
YOPM
www.yidacnc.com

LATHES

BML-600TY

- FANUC 0i-TD controller + 8.4" color LCD + manual guide 0i
- S1: A2-8, 10"chuck, 3,500 rpm, αP22/6000 (11/15 kW)
- S2: A2-5, 6"" chuck, 6,000 rpm, αF6/10000 (5.5 / 7.5 KW)
- FANUC servo motor X/Z:αF12/3000 (3 / 3 KW)
- Draw bar diameter: 75 mm
- STRONG 10"" 3-jaw chuck A2-8, hydraulic hollow chuck
- BARUFFALDI 12-tool live tooling
- C-axis with brake disc and Heidenhain encoder
- 1*hard jaw & 1*soft jaw
- boring bar holder (40mm) I.D.
- Boring bar bushing (Ø8, Ø 10, Ø12, Ø16, Ø20, Ø 25, Ø 32) × O.D. 40
- Wedge Type Tool Clamps (for OD Tools)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- Coolant system
- Automatic lubrication system
- Work lamp + End of program indicator (3-color)
- Leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operation & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-600TY	Main-spindle	Sub-spindle
Working range		
Swing over bed / saddle (mm)	Ø600 / Ø450	
Distance between centers (mm)	717	
Max. machining dia. (mm)	Ø220	
Max. machining length (mm)	360 (345)	
Travels		
X/Z/Y/W-axis (mm)	168 / 530 / 60 / 450	
C-axis (mm)	360° (0.001°)	
Spindle		
Chuck diameter (inch)	Ø 8" (Ø 10")	Ø 6"
Spindle speeds (rpm)	4500 (3500)	6000
Spindle nose	A2-6 (Built-in A2-6, A2-8)	A2-5
Spindle bore dia. /Draw bar dia (mm)	Ø62 / Ø52 (Ø86 / Ø75)	Ø45 / Ø35
Front bearing inner dia. (mm)	Ø100 (Ø120)	Ø80
Live-tooling BARUFFALDI		
Stations	12	
Square tool shank (mm)	25x25	
Boring bar shank diameter (mm)	Ø40	
Spindle speeds (rpm)	50~4000	
Tool servo motor (kW)	α3 3.7/5.5	
Feedrate		
X/Z/Y/W-axis Rapid traverse (M/min)	16 / 20 / 8 / 16, C:200min-1	
Programmable tailstock		
Quill diameter / travel (mm)	Ø85 / 120	
Quill bore taper	MT-4	
Motors		
Main spindle (kW)	α22 11/15 (α30 ip 15/18.5)	
Sub-spindle(kW)	α6 5.5/7.5	
X/Z/Y/W-axis servo motor (kW)	α12 3.0 / α12 3.0 / α12 3.0 / α12 3.0	
Accuracy XYZ ISO230-2 (97)		
X/Z/Y positioning / repeatability (μ)	X|Z:±5 Y:±2 / X|Z:±4 Y:±2	
General		
Packing (w/conveyor) (cm)	402*215*255	
Net weight (w/conveyor) (kgs)	6200	
Power requirement	380-415/220V 30KVA	



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

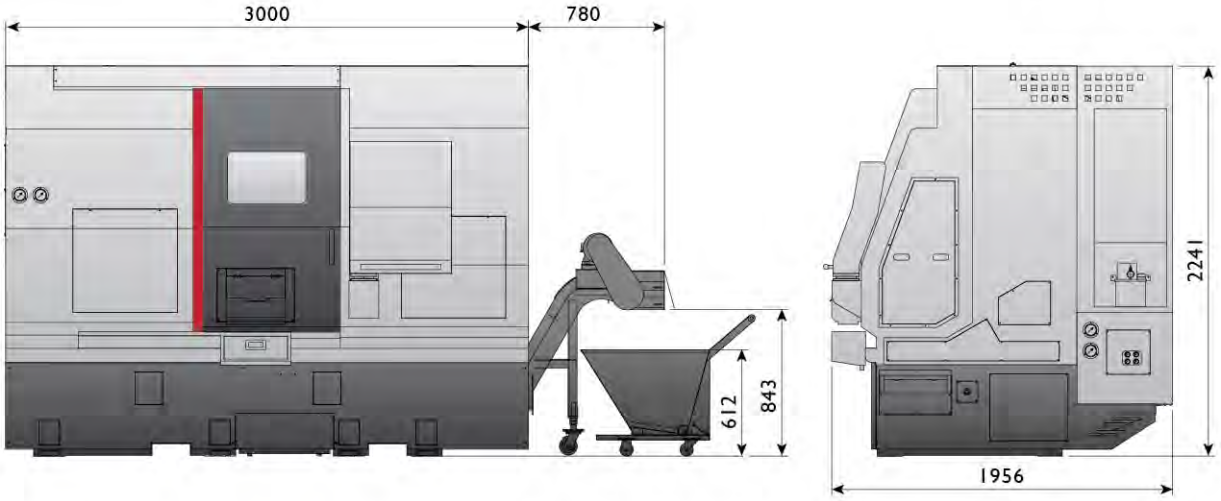
YDPM
www.yidacnc.com

LATHES

BML-600Y

- FANUC 0i-TD controller + 8.4" " color LCD + manual guide 0i
- FANUC spindle motor αP22/6000 (11/15 kW)
- FANUC servo motor X/Z:αF12/3000 (3/3 KW)
- Draw bar diameter: 75 mm
- STRONG 10"3-jaw chuck A2-8, hydraulic hollow chuck
- BARUFFALDI 12-tool live tooling
- C-axis with brake disc and Heidenhain encoder
- spindle speed:3,500 rpm
- 1*hard jaw & 1*soft jaw
- boring bar holder (40mm) I.D.
- Boring bar bushing (Ø8, Ø 10, Ø12, Ø16, Ø20, Ø 25, Ø 32) × O.D. 40
- Wedge Type Tool Clamps (for OD Tools)
- Taper Sleeve (MT2 & MT3 & MT4)xO.D.40
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT4 quill
- Work lamp + End of program indicator (3-color)
- Leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operation & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 30 degree slant bed design of one piece construction
- Class C2 ball screws

BML-600Y	Standard
Working range	
Chuck diameter (inch)	Ø 8" (Ø 10")
Swing over bed / saddle (mm)	Ø600 / Ø450
Distance between centers (mm)	638 (629)
Max. machining dia. (mm)	Ø220
Max. machining length (mm)	529 (515)
Travels	
X/Z/Y-axis (mm)	168 / 570 / 60
C-axis (mm)	360° (0.001°)
Spindle	
Spindle speeds (rpm)	4500 (3500)
Spindle nose	A2-6 (Built-in Spindle A2-6, A2-8)
Spindle bore dia. / Draw bar dia. (mm)	Ø62 / Ø52 (Ø86 / Ø75)
Front bearing inner dia. (mm)	Ø100 (Ø120)
Live-tooling BARUFFALDI	
Square tool shank (mm)	25X25
Boring bar shank diameter (mm)	Ø40
Spindle speeds (rpm)	50~4000
Tool servo motor (kW)	α3 3.7/5.5
Feedrate	
X/Z/Y-axis Rapid traverse (M/min)	16 / 20 / 16
Programmable tailstock	
Quill diameter / travel (mm)	Ø85 / 120
Quill bore taper	MT-4
Motors	
Main spindle (kW)	α22ip 11/15 (α30ip 15/18.5)
X/Z/Y-axis servo motor (kW)	α12 3.0 / α12 3.0 / α12 3.0
Accuracy XZ ISO230-2 (97)	
X/Z/Y positioning / repeatability (μ)	X|Z:±5 Y:±2 / X|Z:±4 Y:±2
General	
Packing (w/conveyor) (cm)	402x215x255
Net weight (w/conveyor) (kgs)	6500
Power requirement	380-415/220V 30KVA



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified

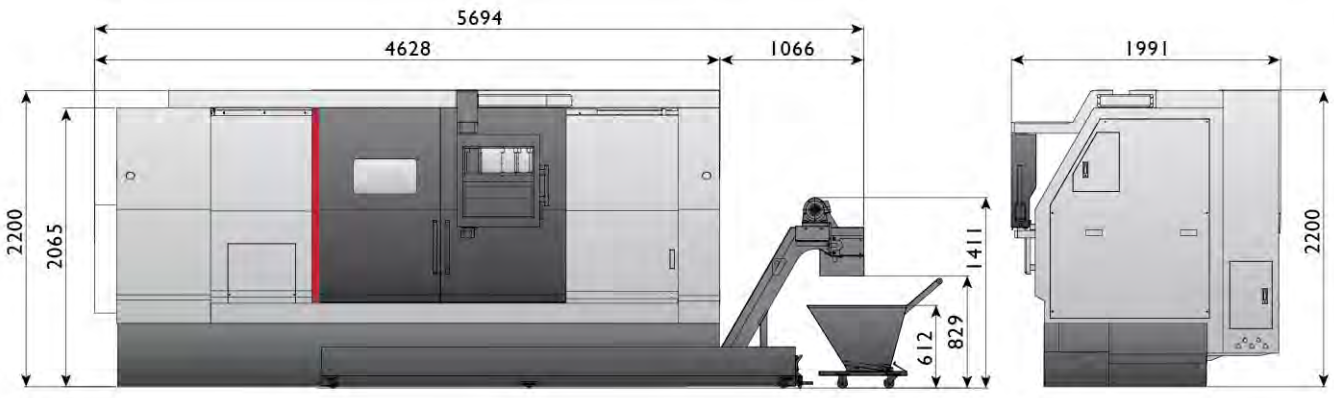
YDPM
www.yidacnc.com

LATHES

BML-630

- FANUC 0i-TD controller + 8.4"color LCD + manual guide 0i
- FANUC spindle motor α22/7000 (22/26 kW)
- FANUC servo motor X/Z: αiF22/3000 (4 / 4 KW)
- Draw bar diameter: 116 mm
- STRONG 15"3 jaws chuck A2-11, hydraulic hollow chuck
- LIOSHING 12 tools hydraulic turret
- Gear box (2 steps)
- Spindle speed 1,500 rpm
- Manual steady rest (made in Taiwan)
- hard jaw & soft jaw
- boring bar holder (50mm) I.D.
- Boring bar bushing (Ø 12, 16, 20, 25, 32,40) × O.D. 50
- Wedge Type Tool Clamps (for OD Tools)
- Taper sleeve MT3 and MT4
- Coolant system
- Automatic lubrication system
- Programmable tailstock with MT5 quill
- Work lamp + End of program indicator (3-color)
- Leveling bolts and pads
- Tool Kit
- Fully enclosed splash guard
- YIDA manuals (operator & maintenance, parts list, electrical drawing)
- Fanuc manuals
- Chain type chip conveyor & chip cart
- 2-year FANUC controller warranty
- 1-year machine parts warranty (Ex-work Factory)
- Box guide way
- Rigid 45 degree slant bed design
- Class C2 ball screws

BML-630	Standard	C axis
Working range		
Chuck diameter (inch)	Ø 12" (Ø 15")	
Swing over bed / saddle (mm)	Ø 630 / Ø450	
Distance between centers (mm)	1711 (1674)	
Max. machining dia. (mm)	Ø510	Ø410
Max. machining length (mm)	1526 (1475)	
Travels		
X/Z-axis (mm)	290 / 1569 (290 / 1531)	290 / 1569 (290 / 1531)
Spindle		
Spindle speeds (rpm)	50~2500 (50-2000)	
Spindle nose	A2-8 (A2-11)	
Spindle bore dia. / Draw bar dia. (mm)	Ø105/ Ø90 (Ø134 Ø116)	
Front bearing inner dia. (mm)	Ø130 (Ø180)	
Turret		
Stations	10 (12)	12
Square tool shank	32x32	32x32
Boring bar shank diameter	Ø50	Ø50
Live-tooling BARUFFALDI		
Spindle speeds (rpm)		50~4000
Tool servo motor (kW)		α3 3.7/5.5
Feedrate		
X/Z-axis rapid traverse (M/min)	20 / 20	
Programmable tailstock		
Quill diameter / travel (mm)	Ø125 / 120	
Quill bore taper	MT-5	
Motors		
Main spindle (kW)	α22 22/26 (α30 30/37)	α40ip 18.5/22 [belt]
X/Z-axis servo motor (kW)	α22 4.0 / α22 4.0	
Accuracy XZ ISO230-2 (97)		
Positioning / repeatability (μ)	±6 / ±5	
General		
Packing (w/conveyor) (cm)	488x229x250	588x229x250
Net weight (w/conveyor) (kgs)	10330	9620 (steady rest)
Power (KVA)	380-415/220V 30KVA[α22]; 40 KVA[α30]	



奕達精機股份有限公司 | 41465台中市烏日區溪南路一段357巷68弄41號
YIDA PRECISION MACHINERY CO., LTD. | Tel : 886-4-2335 8368 | Fax: 886-4-2335 6681
No.41, Aly. 68, Ln. 357, Sec. 1, Xinan Rd., Wuri Dist., Taichung City 41465, Taiwan | Email: info@yidacnc.com
TÜV Rheinland certified