



Productivity Proposal

MULTUS B400-W w/ THINC

THE INTELLIGENT N.C.

Multifunction Turning Center

- ◆ Opposed headstocks with automatic part transfer and full C-axis (x 2)
- ◆ Dual function upper turret with 0.001° B-axis, Y-axis and ATC



Photo shows options: Tool touch setter and exhibition front door
Appearance may vary based on final specification

Applicable model and versions:

●: Base offering ○: Available specification

MULTUS B400-W wTHINC					
Left headstocks		H-1 Milling Spindles		Right-headstock (W-axis)	
A2-8 Spindle: 3,800min ⁻¹ 30/20hp	●	6,000 min ⁻¹	●	A2-8 Spindle: 3,800min ⁻¹ 30/20 hp	●
[A2-11 Spindle: 3,000min ⁻¹ 40/30hp]	○	[10,000 min ⁻¹]	○	- - -	
Notes:	1. Optional configuration details are covered in technical supplement 2. MULTUS B400 may be equipped with a tailstock instead of a right spindle (model B400-C).				

MULTUS B400-W

Introduction

The OKUMA MULTUS B400-W is a multifunction turning center including a sub-spindle and Automatic tool changer. The MULTUS B400-W has a broad scope of machining functions in the 10~12 inch chuck class. MULTUS B400-W is the embodiment of power, speed, and process flexibility. Complete the work in one set-up and with tools to spare in the ATC.

The MULTUS B400-W has a 225° B-axis range with 6,000 rpm H1-milling spindle with dual function (L/M), which can machine at either the left or right-spindle. The H-1 dual function spindle head utilizes CAPTO C6 tooling and has a 18/13hp PREX milling motor spindle [opt. 10,000rpm-27/19hp]. The base offering has 40-tools available via the ATC (Opt. 80tools). The H1-turret has a 0.001 degree B-axis and compound motion Y-axis for machining flexibility. Both the left and right spindles are equipped with a full contouring C-axis. .

Familiar programming methods from both lathe and machining center disciplines blend easily on the MULTUS thanks to the Okuma THINC control, giving advanced functions such as total "Collision Avoidance System"* as standard. The advantages of the Okuma absolute encoders handle the control of X and Z, the C1, C2, B, Y and W axes without the need for re-zeroing.

A Thumbnail of the base offering:

- Ø27.95" machining dia.. Bed: 60 in.
- 30/20hp VAC, integral main motor-spindle (L&R)
- 38~3,800min⁻¹, A2-8 spindle nose (L&R)
- Integral C-axis w/disk brake (L&R)
- H1 spindle taper CAPTO C6
- H1 spindle range 50-6,000min⁻¹
- H1 18/13hp PREX mill motor (5min/cont)
- H1 L-M turret w/ 0.001° step 225 deg. B-axis
- Y-axis: 9.05 in. +4.52 inch / - 4.52 inch travel
- 40 Station ATC magazine – CAPTO C6
- [Opt. 20 or 80 ATC magazine available]
- Max tool length: 15.75 in., max wt.: 22 lb.
- Max M tool dia: 3.54" (5.12" wo adjacent tool)
- 1,575 /1,023/ 787 ipm; X&Z / Y / W rapid traverse
- Ø10 in. hollow chuck assy. (L&R spindle)
- All spindle motors – liquid cooled
- Okuma Care 24-7 support plan + 1 year warranty

The MULTUS continues Okuma's fundamental commitment to [total system engineering of its machine tools](#). This means, [ALL Okuma](#) design and manufacture of machine, motors, drives and controls and including the industry leading [Okuma Care \(24-7\)](#) support program.

Thank you for considering Okuma products.