



Productivity Proposal

All quotations are subject to review and approval by OAC until "Normal business" is established for this product.
Thank you. ----- OAC Contracts.

Millac 33T w/ THINC Hi-Content THE INTELLIGENT NC

Vertical Turning & Milling w/ ATC
(1) 12 station turret: X, Y, & Z + Spindle Lock



OSP-THINC (P200)
Control system

Model Millac 33T is shown
Appearance may vary according to selected specification

Applicable model and versions:

●: Base offering ○: Available specification

Millac 33T				
Lathe Spindle – JIS 140 Flat	20/15 hp	6,000 rpm	●	
M-Spindle – CAT40 Big Plus	20/15 hp	12,000 rpm	●	

Millac 33T

1-SP Vertical Turn & Milling Spindle w/ATC

Introduction

The OKUMA 33T Turn & Milling Center is the answer to your flexible machining requirements. Designed with a slim construction (1000mm wide) for space savings, the 33T is extremely rigid. 33T delivers fast and acc and dec as well as high rapid traverse for the shortest non-cutting time. The vertical architecture offers the advantage of a “natural” part handling, excellent chip fall as well as the minimum floor space.

33T has a powerful 20/15 hp milling spindle head. This combined with a Y-axis positioning in the headstock, the 33T offers both turning and milling functions in the same machine and including an ATC for tool changing

Now the 33T is being offered with OKUMA'S **THINC** Control system. The PC based system offering the greatest access to machining innovation ever.

A Thumbnail of the base offer:

◆ Ø9.84” max turning diameter.	◆ USA Hi-content THINC P200 system
◆ Ø18.1” swing diameter	◆ PC based control XP OS with Pentium
◆ 20/15hp VAC spindle drive - stepless	◆ OSP Motors, absolute encoders & drives
◆ 60~6,000 rpm, JIS 140 flat spindle nose	◆ 15” color TFT LCD w 3D animation
◆ Ø3.14 in. spindle bearing ID	◆ 40GB Hard Drive & 512MB DDR (RAM)
◆ 16 tool ATC – CAT40 Big Plus V-flange	◆ Load monitor
◆ Fast tool – tool time of 1.4 sec	◆ Tool life management
◆ Fast chip – chip time of 3.5 sec	◆ Tool wear compensation,
◆ 1,575 ipm Z / X rapid traverse	◆ NC operation monitor
◆ Hardened and ground box ways X & Z	◆ MacMan equipment utilization monitoring
◆ Coolant system 0.4 hp	◆ On screen “ Pocket Manual”
◆ Standard tool holder base Kit	◆ User task II with 200 common variables
◆ 3 color stack pole	◆ Ethernet plus open USB Ports at OP panel
◆ Hydraulic unit	◆ RS232C port
◆ Portable pulse wheel control	◆ Application Program Interfaces (std set)
◆ Electric spindle orientation	◆ Electric transformer
◆ Okuma Care 24-7 support plan + 1 year warranty	

The **33T** 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.

This level of integration and support is an Okuma Trademark. **Your One Source.**

Thank you for considering Okuma Products.