

# CLEVELAND

## Diamond Cut Alloy Wheel Lathe: VTL30



### Machine features

- 10 hp spindle, A2-6 spindle taper
- 60~1000 rpm spindle speed
- 30" max turning diameter
- Meehanite integrated casting
- Heavy duty roller type linear guideway
- C5 double nut precision ball screws
- Digitizing package with software

### Control features

- Syntec 21MA controller
- With series bus connection
- High speed, high precision machining (HSHP)
- Smooth precision advanced (SPA)
- Path smoothing
- High precision contour control (HPCC)
- Graphic conversational input

### Travel

X axis travel: ..... 20"  
Z axis travel: ..... 18"  
Max turning diameter: ..... 30"

### Table

Jaw chuck: ..... 15" with 3 step soft jaw (Manual)  
Gripping O.D. range: ..... 14"-30"

### Distance

Distance from spindle end to table: ..... 0"-18"  
Spindle nose taper / tool: ..... A2-6

### Spindle

Spindle speed: ..... 60~1000 rpm  
Spindle type: ..... Belt drive  
Spindle motor (4P): ..... 10 hp  
2 Axes servo motor (X/Z): ..... 1.15 / 1.15 hp

### Feed

X axis rapid traverse: ..... 393 ipm  
Z axis rapid traverse: ..... 393 ipm  
Cutting feedrate: ..... 393 ipm  
Min. input unit: .....  $3.93 \times 10^{-5}$

### Installation requirements

Connected electricity: ..... 15 kva  
Weight: ..... 5000 lbs  
Machine dimension (L x W x H): ..... 63" x 76" x 104"  
Shipping dimension (L x W x H): ..... 69" x 82" x 111"

### Standard Accessories

Two Iscar cutting tool	Two inserts (diamond & carbide)	Digitizing package with wheel software
Full enclosure	Halogen work light	Auto lube
Way covers	Chip cart	Tools & tool box
Four way tool post	M4 stylus L=40mm	RS-232 & Ethernet ports

### Machine Optional Accessories

VTLTM4-2540	M4 Stylus Db=2.5mm , L=40mm
VTLM4-30	M4 Extension 4mm, L=30mm
GIPA-8-35V-1.20 ID5	Diamond Insert
GIPA-8-35V-1.20 IC20 Carbide Insert	
TP400	Probe
RTPC	Rotary Type Phase Converters (For single phase 220V)
MPG-100	MPG 100 Step
WARRANTY-3M	Three months labor warranty (Travel expense not included)
WARRANTY-1Y	One year labor warranty (Travel expense not included)

**\*\*WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE\*\***

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