

# CSL 2T



**AceMicromatic**  
Group Company



## TWIN TURRET HORIZONTAL TURNING CENTER

### Machine Features

- Rigid cast bed structure
- 4-axes independent 2-path control system
- AC spindle drive with external 2-speed gear box
- Hardened & precision ground guideways
- Bi-directional twin servo-hydraulic tool turret (8/12/16 stations)
- Programmable tailstock with live centre
- Programmable servo steady rest
- Thermally stabilised rigid spindle

**THINK** Turning®  
Ace Designers

THE LARGEST MACHINE TOOL GROUP IN INDIA



Ace Designers



@acedesignersblr



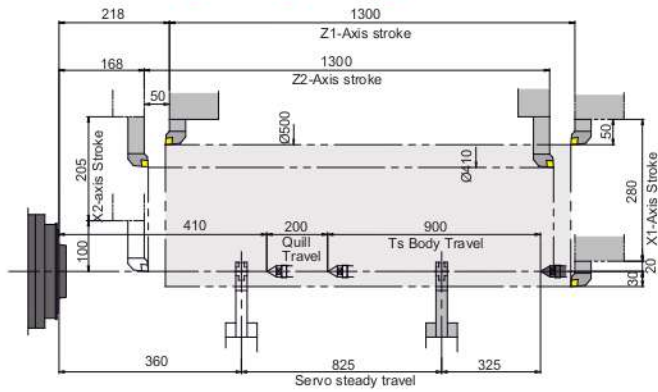
@acedesigners



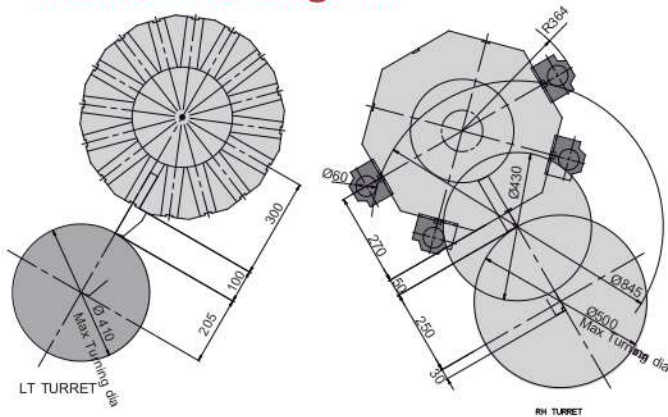
Follow us on :

[www.acemicromatic.net](http://www.acemicromatic.net)

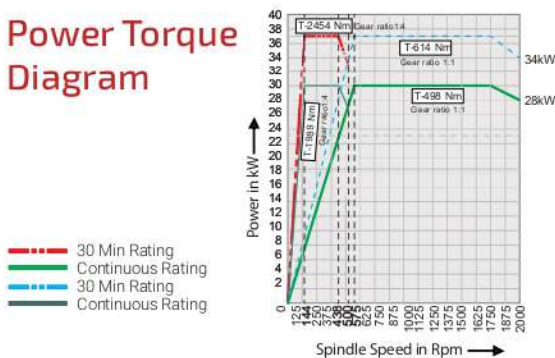
## Machining Range Diagram



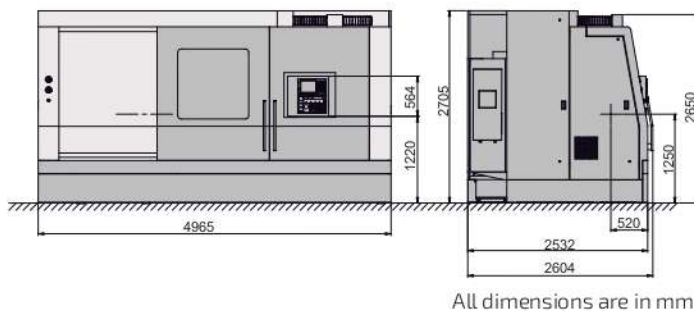
## Interference Diagram



## Power Torque Diagram



## Overall View



## Specifications

CSL 2T

Control System	Fanuc
<b>Capacity</b>	
Swing Over Bed	800 mm
Swing over carriage	430 mm
Maximum turning diameter <sup>2</sup>	500 mm
Distance between centers <sup>1</sup>	1200 mm
Maximum turning length <sup>1</sup>	1300 mm
Maximum distance between turret faces <sup>1</sup>	1345 mm
Minimum distance between turret faces <sup>1</sup>	100 mm
<b>Spindle</b>	
Spindle Nose	A2-11
Bore through spindle	65 mm
Max. Spindle Speed	2000 rpm
Spindle Motor Power (30 min. Rating)	37 kW
Spindle Motor Power(Continuous Rating)	30 kW
Speed range 1	10 - 438 rpm
Speed range 2	50 - 2000 rpm
<b>Axes</b>	
Type of Guideways	Hardened Ground Box Type
X1/X2 Axes Stroke	280 / 245 mm
Z1 / Z2 Axes Stroke	1300 mm
X & Z Axes Rapid Rate	20 m/min.
X & Z Axes Motor Torque	22 Nm
<b>Tooling</b>	
Turret type	Servo hydraulic
Maximum number of tools	8 (12 & 16)
Maximum boring bar diameter	60
OD turning tool size	25 x 25 mm
<b>Tailstock</b>	
Quill taper	MT-5 (Built-in)
Quill diameter	150 mm
Quill stroke	200 mm
Max. Thrust	1150 kg
<b>Hydraulic System</b>	
Hydraulic Pump Capacity	20 Lpm
Hydraulic Power Pack Tank Capacity	70 Ltrs
Overall Machine Dimensions(L x W x H)	4965x2604x2705 mm
Overall Weight (Without Packing)	~ 16000 kg

1. Refer machining range diagram 2. Refer interference diagram

( ) Values mentioned in bracket are optional

Note: Specification correct at the time of print. Owing to continuous up-gradation of our products, the specification may change and to be reconfirmed at the time of ordering. Features shown may not be part of the standard equipment.

Manufactured by:

**Ace Designers Ltd.**

Registered Office - Plot No.7 & 8, II Phase, Peenya Industrial Area, Bangalore - 560 058, India

Tel : +91-80-2218 6700, Fax : +91-80-2218 6723, E-mail : info@acedesigners.co.in, CIN: U29199KA1986PLC007816

INDIA-Marketed & Serviced by **Micromatic®**

Ahmedabad +91 7925471145; Ambattur +91 98407 85521; Aurangabad +91 240 2552309; Bangalore +91 80 40200555; Belgaum +91 99800 02597; Bommasandra +91 80 27834836;

Chakan +91 2135 322002; Chennai +91 44 40440700; Coimbatore +91 422 4506183, 6588595; Delhi +91 11 22414232/ 42448095; Faridabad +91 129 4047000; Gurgaon +91 124 4745500 / 4745500;

Hyderabad +91 40 23070496; Indore +91 73899 39190, 73899 39191; Jamshedpur +91 657 6539931; Kolhapur +91 230 2460444, 2460123; Kolkata +91 33 26710158 / 2710100 / 033-64578825

Ludhiana +91 97791 28296; Mumbai +91 22 26861009/1976/7271/7272; Nasik +91 253 6610254; Pune +91 20 40712111/27479661/9662; Rajkot +91 7698000728 Ranipet +91 4172 272732;

Rohtak +91 8295043311; Rudrapur +91 95570 30224, +91 97201 06532; Tambaram +91 44 22265531; Thane +91 22 25829062 Trichy +91 431 2443066 Chandigarh +91 99141 91057 Bhiwadi +91 99581 09777

INTERNATIONAL

Germany +49 (0) 172 231 6688 Shanghai +86 (21) 586 650 31/32; Switzerland +41 32 652 58 41

Email : salesmmt@acemicromatic.com

