



Attention:

We are pleased to submit the following proposal for your consideration:

**QUOTATION**  
**"TRENS" UNIVERSAL CENTRE LATHE**  
**MODEL SN 71C/1500/2000/3000/4000**

Inch performance with standard equipment and operating on 575/3/60 electrical supply.

**FEATURES:**

- Rapid traverse on the cross and longitudinal slides
- Automatic lubrication to carriage slide guideways
- Hardened-precision ground bedways
- All-gear headstock with hardened and ground gears and spline shafts, anti-friction bearings and forced, filtered oil circulation
- Halogen work Lamp
- Bronze nuts on lead screws
- Pressure relieved tailstock on rollers for easy movement
- Roller bearing spindle with D1-8 camlock spindle nose
- Multi-disc clutch and brake, for forward and reverse control
- Quick change gearbox, completely enclosed, with oil circulation and a large number of feeds
- Inch and metric thread cutting
- Gap bed for extra swing and delta-beam section for extreme twist resistance and easy chip disposal
- Single lever four way directional feed control on carriage with adjustable safety feed clutches

**STANDARD EQUIPMENT:**

- Complete electrics, operating on 575/3/60 electrical supply.
- 4-way toolpost
- Coolant system attachment
- Chip tray
- Dead centre Mk5
- Reducing sleeve for spindle
- Set of change gears for 11.5, 13 & 27 t.p.i.
- Thread dial indicator
- Oil gun
- Set of service tools



**SPECIFICATIONS:**

	<u>mm</u>	<u>inch</u>
<b><u>Working Capacity</u></b>		
Swing - over bed	710	27.95
- over cross slide	420	16.53
- in gap	960	37.79
<b>Distance between centres (3000mm)</b>	<b>3000</b>	<b>118.11</b>
Maximum weight of workpiece	1500 kg.	3306 lb.
Width of gap in front of faceplate	300	11.81
Width of bed	450	17.71
Main motor	11 kW	15 hp

**Spindle**

Bore	71	2.79
Speeds	- number	16
	- range I	10-112 rpm
	- range II	90-1000 rpm
Taper	Metric 80	

## Melo Machinery Canada Inc.



Tel.: 514-236-6667  
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### Carriage

Number of longitudinal and cross feeds	38 inch/rev	
- longitudinal feeds (per revolution)	0.002-0.242	
- cross feeds (per revolution)	0.001-0.12 inch/rev	
Threads		
- 29 metric	0.05-40mm	
- 35 Whitworth	1-80 t.p.i.	
Leadscrew		
- diameter	48	1.89
- pitch	1/4 inch	
Rapid traverse		
- cross (per minute)	1500	59.05
- longitudinal (per minute)	3000	118.11

### Tailstock

Diameter of barrel	90	3.54
Taper	Morse Taper 5	
Travel of barrel	240	9.44

### General Data

Dimensions		
- length 1500mm	3490	137.40
- width	1470	57.87
- height	1480	58.26

**Weight 1500mm- (weight increases 125kg/500mm)** 2815 kg 6205 lb.

**SPECIAL PRICE FOR STOCK MACHINE \$ 64,995.00 CAD**

### INCLUDING

Security guards - Gardes de sécurités		
12 inch TOS 3-Jaw Chuck - Mandrin 3-mors 12 dia.		
Steady rest 12-180 mm – Lunette fixe	V0757136	
Follow rest 12-180 mm – Lunette suivi	V0758108	
Large steady rest 180-320 mm – Grande lunette	V0754002	
Rolling contact bearing for small steady rest - roulements pour lunette	V3521009	
Rolling contact bearing for large steady rest - roulements pour lunette	V3475045	

**TERMS AND CONDITIONS:**

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<b><u>WARRANTY:</u></b>	One (1) year (12 months) or 2000 working hours on parts, with normal use and maintenance in accordance with the manual.
<b><u>DELIVERY :</u></b>	Immediately
<b><u>VALIDITY:</u></b>	This quotation is valid for 30 days and is subject in its entirety to confirmation on receipt of order.
<b><u>ELECTRICS:</u></b>	575v/3ph/60hz
<b><u>TRANSPORT:</u></b>	extra
<b><u>TAX (G.S.T)</u></b>	Additional, where applicable
<b><u>TERMS:</u></b>	<b>Net</b>

We trust that the enclosed specifications are to your satisfaction. We appreciate the opportunity of quoting on your Machine Tools requirements. Should you require further technical information, do not hesitate to contact us.

Sergio Melo  
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