



## **HALES MACHINE TOOL INC**

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### USED TURNING CENTER PROPOSAL 1992 MORI SEIKI ZL 15

**PRICE: \$ 39,900.00**

LOADED ON A TRUCK

AS IS WHERE IS. NO WARRANTY

PAYMENT IN FULL PRIOR TO PICK UP

READY FOR DEMONSTRATION

### **MACHINE SPECIFICATIONS**

#### **ZL-15S**

#### Capability & Capacity

Swing-over bed	18.897" dia.
Swing-over cross slide	14.566" dia.
Max. machining diameter	6.299" dia.
Standard machining diameter	1.574" dia.
Max. machining length	3.397"
Chuck recommended	6" (main spindle)

#### Travel

X-axis travel	5.314"
Z-axis travel	22.047"

#### Main Spindle

Spindle speed range	50-5,000 min (rpm)
Number of spindle speed ranges	1
Spindle nose	JIS* A2-5
Spindle bore	2.047" dia.
Front bearing (I.D.)	3.543" dia.

#### Number of turrets

Number of turrets	12
Tool positions	12
Shank height of square cutting tool	3/4"
Shank diameter of boring bar	1-1/4"
Indexing time	0.7 sec.

Feed/Traverse Speed	
Rapid traverse	X: 472"/min. Z: 590"/min.
Cutting feed amount (per Rev.)	X: 0.000001" – 9.800000" Z: 0.000001" – 13.700000"
Jog traverse	X,Z: 49"/min.

\*Japanese Industrial Standard

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Sub-spindle	50-5,000 min (rpm)
Spindle bore	1.38" dia.
X-axis travel	7.677"
Z-axis travel	15.354"
Chuck recommended	4" collet (equivalent to AD-40)
Sub-turret	
Number of turrets	6
Tool positions	6
Shank height of square cutting tool	3/4"
Indexing time	0.5 sec.
Motor	
Main spindle motor (30 min.cont)	7.5 / 5.5 kW (11/7.5 kW) (Option)
Sub-spindle motor (30 min. cont)	5.5/3.7 kW
Feed axis servo motors	X-axis: 0.9 AC Z-axis: 1.8 AC
Hydraulic pump motor	1.5 kW
Lubricant pump motor	0.02 kW
Coolant pump motor	0.18 kW x 2
Consumption	
Power consumption	31 kVA 36 kVA (Option)
Air consumption	0.5 Mpa *100 N1/min
Tank Capacity	
Hydraulic unit tank capacity	10.567 gals.
Lubrication oil tank capacity	0.528 gals.
Coolant tank capacity	26.417 gals.

Installation

Height of machine	72.835"
Floor space required	115.36" x 61.82"
Weight of machine (including NC unit)	9,900 lbs.

N: Standard operating conditions  
(Temperature: 20 degrees C, Absolute pressure: 760 mmHG, Relative humidity: 65%)  
Use only clean dry air.