

Master Specifications

TDI Reference: #64456

Description: Numerical Controlled Lathe

Manufacturer: Leblond

Model: 6640

Year: 1991 - Rebuilt

Control Type: Allen Bradley 8200AT

LEBLOND LATHE 66"/40" X 312"

HORSEPOWER: 75

SPEED RANGE: 1 TO 300 RPM (SIX MANUALLY SHIFTED GEAR RANGES)

RANGE 1 = 0 TO 8 RPM

RANGE 2 = 0 TO 17 RPM

RANGE 3 = 0 TO 28 RPM

RANGE 4 = 0 TO 59 RPM

RANGE 5 = 0 TO 142 RPM

RANGE 6 = 0 TO 305 RPM

THREADING CAPABILITIES: N.C. CONTROLLED

FEED RANGE: .001" TO .999"

RAPID TRAVERSE RATE: "X" AXIS - 120 IPM
"Z" AXIS - 120 IPM

MAXIMUM LENGTH OF PART: 203", (Platform and steps over conveyor may be disconnected for slight additional length.)

CHUCK CAPACITY: 4 INCHES TO 19 ½ INCHES
20 ½ " LARGEST SPLINE SIZE IN HEADSTOCK FOR FIT

CUSHMAN JAWS: SIZE 14 10-073-14-000

MAXIMUM DIAMETER OVER WAYS: 66"

MAXIMUM DIAMETER OVER CROSS SLIDE: 41"

DISTANCES TOOL CAN APPROACH CHUCK: 6" WITH TOOL ON LEFT HAND SIDE OF
TURRET (TURRET SIZE: 16" SQUARE)

MAXIMUM ROLL WEIGHT: 40,000 LBS OR 20 TONS



STEADY REST CAPACITY:

REST 1 = 2" TO 18"

ROLL WT. CAP

14,200
11,530
10,214

@ S.F.M.

100
200
300

REST 2 = 12 ½ " TO 24"

ROLL WT. CAP

29,568
24,008
21,200

@ S.F.M.

100
200
300

REST 3 = 23" TO 36"

56,500
45,600
40,450

100
200
300

COOLANT CAPACITY: NONE

TOOLING:

4 POSITION MANUAL TURRET (GREENLEAF SPECIAL HOLDERS)