

Master Specifications

TDI Reference: #64458

Description: Numerical Controlled Lathe

Manufacturer: American Lathe Company

Model: 4025/30

Year: 1978

Control Type: Allen Bradley 8200

HORSEPOWER: 100

SPEED RANGE: GEAR RANGE 1 -4 TO 50 RPM
GEAR RANGE 2 - 18 TO 600 RPM

THREADING CAPABILITIES: N.C. CONTROLLED

FEED RANGE: .001" TO .999"

RAPID TRAVERSE RATE: "X" AXIS - 50 IPM
"Z" AXIS - 100 IPM

MAXIMUM LENGTH OF PART: 300 INCHES OR 25 FEET
308 WITH 3" OF QUILL OUT OF HOUSING

CHUCK CAPACITY: 2" TO 32"

MAXIMUM DIAMETER OVER WAYS: 49 ½ "

MAXIMUM DIAMETER OVER CROSS SLIDE: 27 ½"

DISTANCE TOOL CAN APPROACH CHUCK: 9 ½" WITH CENTER TURRET TOOL POSITION
4 ½" WITH LEFT HAND TURRET TOOL POSITION

MAXIMUM ROLL WEIGHT: 24,000 (PAUL ALLEN -AMERICAN TOOL 1-800-248-8121)

STEADY REST CAPACITY: 2 TO 14 ¼"
NOTE: ROLLER REST ARE AT VALPO TO FIT THIS MACHINE
(14" TO 25" DIAMETER)

COOLANT CAPACITY: 100 GALLONS



TOOLING: 3 POSITION MANUAL TURRET (GREENLEAF SPECIAL HOLDERS)
DWG. NO. 515280 5/8" BUTTON HOLDER RIGHT HAND
DWG. NO. 117/515282/005 80 DEGREE DIAMOND HOLDER RIGHT HAND
DWG. NO. 515283 1/2" AMBORITE BUTTON TOOL HOLDER RIGHT HAND

WEIGHT OF MACHINE: APPROX. 43,250 LBS.