Hello,

We are very pleased to present the following machine for your review and approval:

2007 DOOSAN PUMA 1500SY

CNC Turning Center



Swing over bed: 23.6", Swing over carriage: 21.6"
Maximum bar capacity: 1.75", Maximum turning diameter
main spindle: 13.0"
Distance between main & subspindle nose: 33.8"
MAIN SPINDLE:
Spindle speed: 60 â 6,000 RPM, Spindle nose: ASA-A2-5
Draw tube I.D.: 1.81", Spindle bore diameter: 2.08"
AC high torque spindle motor (20 min. rating): 10 HP
Maximum spindle torque (40% ED): 99 ft-lbs
MAIN SPINDLE C-AXIS:
Minimum programmable angle (degrees): .001, Rapid traverse rate (RPM): 200
C-axis repeatability: +/- .006 deg., C-axis positioning accuracy: .0167 deg.
Y-AXIS:
Y-axis travel: 4.0" (± 2.0"), Y-axis rapid traverse rate: 295 IPM, Y-axis repeatability: .00012"
BED, SADDLE, & CROSS SLIDE:
X axis travel: 9.84", Z axis travel: 22.8", Angle of slant bed: 30 degrees
X axis guideway span: 8.9", Z axis guideway span: 14.2"
X axis rapid traverse rate: 790 IPM, Z axis rapid traverse rate: 945 IPM
X and Z axis ball screw diameter: 1.3"
X axis feed thrust (continuous/intermittent): 1,354 / 2,167 lbs
Z axis feed thrust (continuous/intermittent): 1,354 / 2,167 lbs
B axis feed thrust (continuous/intermittent): 903 / 1,444 lbs
Y axis feed thrust (continuous/intermittent): 903 / 1,444 lbs
X axis repeatability: + 0.00008", Z axis repeatability: + 0.00012"
TURRET:
Number of tools: 12, Number of index positions: 24, Tool holder type: BMT 55P
Turning tool shank size : .75" (1.0" opt*)
Boring bar diameter, main spindle: 1.25" (1.5" opt*), Boring bar diameter, sub spindle: 1.0"
Turret index time (next station swivel time): 0.1 sec., Tool selection: Bi-directional
Turret index repeatability: + .0005 degree
ROTATING TOOLS:
Rotating tool RPM: 50 - 5,000 RPM, Rotating tool spindle motor (10 min. rating): 7.5 Hp
Rotating tool torque (10 min. rating): 34.7 ft-lbs., Rotating tool collet type: ER25
Milling collet capacity: 1/16" to 5/8"
Max. tool length facing sub-spindle with standard Z head: 1.7"
Max. tool length facing sub-spindle with optional offset Z head: 3.9"
Max. tool length facing sub-spindle with opt. double sided Z head: 3.3"
Max. X-axis tool length with Y-axis in any position: 3.4"
Max. X-axis tool length with Y-axis at home position: 5.4"
SUB-SPINDLE:
B axis travel (sub-spindle): 22.8", Sub-spindle guideway span: 9.8"
Spindle speed: 60 â 6,000 RPM, Spindle motor (30 min. rating): 10 HP
Maximum torque (30 min. rating): 34.7 ft-lbs., Spindle nose: A2#5
Spindle bore: 1.77", Draw tube ID: 1.38"
Rapid traverse rate: 787 IPM, Minimum programmable angle: .001 degree (full C axis)

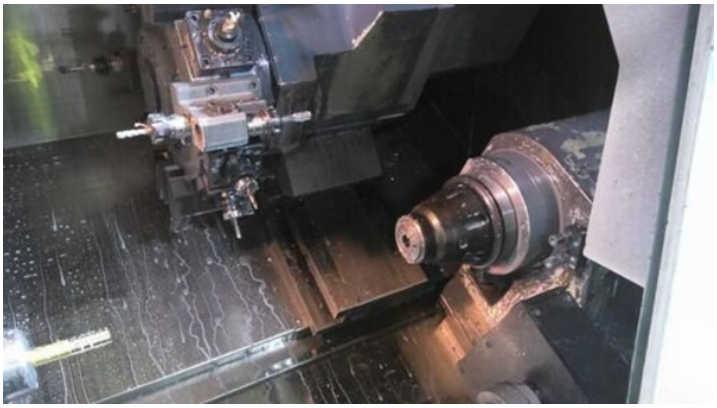
PRICE.....$44,900

Best Regards,

Mike Heim - Sales Manager

Two Spade Machinery LLC
Mobile: (207) 300-3649
Email: mike@2spade.com


DOOSAN








TURBO


DANGER
TURNING CENTER
Doosan Infracore Co. Ltd.