

## DOOSAN

### Mod. Puma MX 2100ST

9-Axis turning center  
with adjustable upper head and driven lower turret  
Ref. 2653

Year of manufacturing: 2008  
Year of installation: 2009



*The following data are indicative and we invite you to check them during your pleasant visit to our warehouse*

<b>CNC:</b>		
Control		Fanuc 31i-A
<b>Capacity:</b>		
Max rotating diameter on the bench	mm	750
Max turning diameter by self-centering inclined head	mm	660
Max turning diameter by self-centering lower turret	mm	300
Max. turning length	mm	1020
<b>Spindle:</b>		
Spindle nose / counter spindle	ASA/mm	6/6
Spindle speed rotation/counter spindle	Rpm	5000/5000
Power AC motor (cont./30min.)/counter spindle	KW	18,5/22
<b>Strokes:</b>		
X1-X2/Z1-Z2 axis	mm	565-187/1050-1050
Y axis	mm	170 (+/-85)
A axis	mm	1050
B axis	mm	240 (+/-120)
<b>Axis feed:</b>		
Rapid axis feed X1/Z1/Z2	m/min	36
Rapid axis feed X2/ Y/A/B	m/min	24/26/30/42
<b>ATC for adjustable upper head:</b>		
Spindle speed rotation upper head	Rpm	60-12000
Cone size with double contact	Capto	C6
Motor power milling spindle	KW	18,5/11
B axis for interpolating head rotation, resolution	Degrees	0,001°
Tool magazine capacity	N°	40
Max diameter tool length	mm/Kg	90/120-300/ Kg 8
<b>Turret</b>		
Tools	N°	12 (BMT 55)
Driven tools	Kw	5,5
Driven tools rotation speed	Rpm	50-5000
Turning/boring tool dimensions	mm	25X25 Diam.40
<b>Accessories :</b>		
LNS chip conveyor belt, 2 HAINBUCH collet chuck, 5 axial driven tools, several capto C6 tool holders		
Tank with high pressure pump		