

**Some items are subject to freight charges.**  
 All prices include GST. Plug & lead not supplied on 415 volt machines.  
 Specifications & prices are subject to change without notice.



Doosan Infracore

# HORIZONTAL TURNING CENTRES

## PUMA 300

*Series*

- Large bar capacity up to 102mm diameter(Puma 300C)
- Enhanced capabilities with BMT milling turret and sub spindle
- Extra long bed version with 1300mm Z-Axis travel
- Precision hardened and ground square slideways
- Double anchor pre-tensioned ballscrews
- Powerful 26kW high torque main spindle motor (Puma 300C)
- One piece 45 degree torque tube slant bed design
- Fanuc 21i-TB controller, 10.4" colour LCD screen



**OPTIONAL: AUTOMATIC TOOL SETTER & STEADY REST, PROGRAMMABLE TAILSTOCK, AUTOMATIC MEASURING SYSTEM PLUS MANY MORE**



**OTHER MODELS AVAILABLE WITH MILLING CAPABILITY AND SUB SPINDLE**

## PUMA 400

*Series*

- Equipped with powerful spindle drive motor up to 37kW
- Extra long version with 2100mm Z-axis travel
- Large bar capacity up to 165.5mm diameter(Puma 400C)
- Double anchor pre-tensioned ballscrews
- Enhanced capabilities with BMT milling turret and 11kW servo motor (Puma 400MC)
- Precision ground and hardened square slideways
- Rapid traverse rates up to 20m/min
- Separate coolant and swarf containment system

## PUMA 500/600/700/800

*Series*

- Large capacity up to 1030mm swing over bed
- Increased turning length up to 3200mm
- Enhanced capabilities with BMT milling turret and 11kW servo motor
- Available with up to 800mm diameter chuck
- Equipped with axis torque limiter clutches on X & Z axes
- Precision ground and hardened square slideways
- Huge 45kW main spindle
- EXTRA BIG BORE RANGE AVAILABLE

**OPTIONAL: HYDRAULIC CHUCK & ADAPTOR, TWIN CHUCK SYSTEM ON PUMA 800, TOOL MONITORING SYSTEM PLUS MANY MORE**



### SPECIFICATIONS

MODEL	PUMA 300A(LA)	PUMA 300B(LB)	PUMA 300C(LC)	PUMA 400A/B/C	PUMA 500	PUMA 600/700/800
SWING OVER BED(mm)	570	570	570	700	900	1030
MAX. TURNING DIA.(mm)	400	400	400	590	700	900
MAX. TURNING LENGTH(mm)	660(1310)	648(1298)	630(1280)	1079/2129	1575	1600(3200 option)
CHUCK SIZE(mm)	210	255	305	305/380	450	450(opt)/610(opt)/800(opt)
MAX. BAR CAPACITY(mm)	51	76	102	90/116.5/165.5	117	117/164/none
TOOL STATIONS	12	10	10	12/10	12	12
SPINDLE SPEEDS(rpm)	45-4500	35-3500	28-2800	30-3000/20-2000	5-1500	3-1800/3-1500/3-750
RAPID TRAVERSE(X/Z m/min)	20/24	20/24	20/24	16/20	10/12	12/16
MOTOR(kW)	18.5	22	26	22/26/37	45	45
WEIGHT(kg)	5620(6580)	5620(6580)	5740(6680)	8200/9850	14000	16100(21500 option)



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