The advertisement features a dark blue background with a glowing blue light effect on the left side. At the top left is a circular logo with a stylized, multi-layered design. To its right, the word "HURON" is written in a large, white, outlined, sans-serif font. Below "HURON", the word "FAMILY" is written in a large, bold, white, sans-serif font. Underneath "FAMILY", the phrase "L'usinage À GRANDE VITESSE" is written in a smaller, white, sans-serif font. In the center, there is a photograph of a high-speed machining process, showing a white, perforated metal part being machined on a lathe. At the bottom center, the text "MX 4" is written in a large, bold, white, sans-serif font.

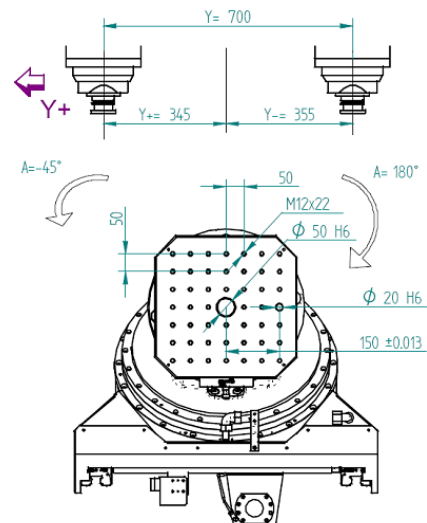
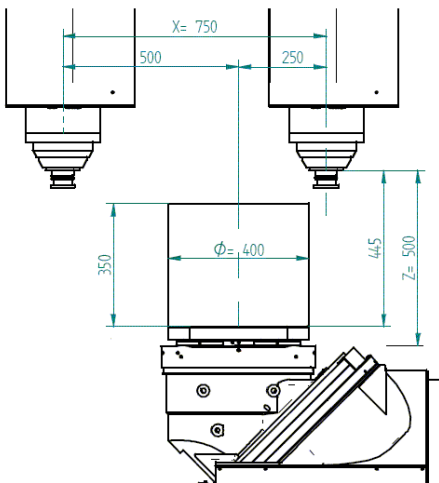
Huron MX4 – Base Specification		
Axes		
Axis (Moving table) 750 mm		
Y Axis (Saddle) 700 mm		
Z Axis (Headstock) 500 mm		
A Axis (table swivelling angle on 45° plane) -45° / +180°		
Angle spindle axis / table 0°/ 90°		
C axis table rotation angle 360° (continuous)		
Palletized table		
Table dimensions 400 x 400 mm		
Admissible load on table 250 kg		
Standard spindle – 24.000 rpm		
Tool taper HSK 63-A		
Spindle rotation speed 100 – 24.000 tr/min		
Maxi spindle motor power: S1 / S6 20 - 25 kW		
Max. torque on spindle : S1 / S6 32 – 40 Nm		
Characteristic speed 6.000 rpm		
Standard tool magazine – 36 housings		
Number of housings 36		
Maxi of continuous tools 90 mm		
Maxi tool weight 5 kg		
Maxi tool length 250 mm		
Medium changing time tool/tool 3 sec		
Medium changing time chip/chip 8 sec		
Tool magazine Options :		
Magazine 162 housings		
Magazine 210 housings		
Dynamics X – Y – Z axes		
	X	YZ
Maximum feedrate	60 m/mn	120 m/mn
Acceleration per axis	6 m/s ²	10 m/s ²
Vectorial acceleration 1,5 g		
Maximum Thrust	1.000 daN	Y : 75 daN Z : 45 daN
Dynamics A – C axes		
	A	C
Maxi rotation speed	100 rpm	100 rpm
Acceleration per axis	6 r/s ²	5 r/s ²
Accuracies on X – Y – Z axes		
According to norm VDI/DGQ 3441		
Unprecision : P 4 µm		
Repeatability : Ps medium 2 µm		
Accuracies on A – C axes		
According to norm VDI/DGQ 3441		
Unprecision : P 7,2 sec		
Repeatability : Ps medium 3,6 sec		

ROTATING AND SWIVELLING TABLE – ON 45°PLA IN

The table moves on a fixed bed. Designed for a maximum working envelope with high table loading capability.



- Pallets dimensions 400 x 400 mm
- Admissible load on pallets (workpiece & pallet) 200 kg
- Network of tapped holes..... 47 x M12
- A axis– table swivelling angle on 45° plan -45°/ + 180°
- Angle spindle axis / table..... 0°/ 90°
- Measuring increment A axis 0,001°
- Maximum rotation speed A axis..... 100 rpm
- C axis– table rotation 360° in continuous
- Measuring increment C axis 0,001°
- Maximum rotation speed C axis..... 100 rpm



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14/04/2008 Subject To Change