



PULLMATIC 720 & 520 RANGE GIVES YOU INCREASED PROFITS BY:

PERFORMANCE

We have combined an extremely efficient hydraulic punching unit with table accelerations and speeds that match the very high hit rates to make all kinds of punching and forming in the sheet metal working industry quicker than ever. This in turn results in a piece part economy unheard of.

FLEXIBILITY

We have proud ourselves of our ability to always offer the users the most flexible solutions available. Flexible in terms of how the parts can be laid out on the sheet, how quickly the machine can be retooled for a different job, how small a batch including single sheet jobs, that can be run economically. These vital factors are even further strengthened with the new Pullmatic 720 & 520 range of punching machines.

AVAILABILITY

High performance is a true benefit only if it is available at all times, for all types of jobs, in different material qualities and thickness, or at any size of batches. High machine reliability, on-line diagnostics and easy re-tooling contribute to the highest imaginable degree of availability. The Pullmatic 720 & 520 give you these prerogatives.

PRECISION

The unparalleled stability of the closed frame, the static guidance of the punch head and the tools, the exact co-ordinate table result in the closest possible work piece tolerances and repeatability.

AUTOMATISATION

Both machine sizes can be equipped, or retrofitted, with a variety of sheet and work piece handling equipment enabling you to enjoy the productivity of the machine, around-the-clock, even unmanned.

TECHNICAL DATA

Tooling system	720		520	
Punch diameter, max.	90 mm	3,543"	90 mm	3,543"
Number of tool positions	20		20	
Max. forming height	75 mm	3"	75 mm	3"
Number of tools	20-200*		20-200*	
Tool changing time, inc. positioning	1*-5 sec		1*-5 sec	

*With OrbiTool

Coordinate table					
Working range	X-travel	3090 mm	121,6"	2590	102"
	Y-travel	1725 mm	67,9"	1425	56"
Max sheet size without repositioning	X	3000 mm	120"	2500	96"
	Y	1500 mm	60"	1250	48"
Axis speeds	Simultaneous X-Y	128 m/min	5040 IPM	128 m/min	5040 IPM
	X-axis	100 m/min	3937 IPM	100 m/min	3937 IPM
	Y-axis	80 m/min	3150 IPM	80 m/min	3150 IPM
	C-axis	120 rpm		120 rpm	
Positioning accuracy	per 1 m (40")	0,1 mm	0,004"	0,1 mm	0,004"
Repeatability	per 1 m (40")	0,03 mm	0,002"	0,03 mm	0,002"
Acceleration, max	X-axis	22m/s ²	866"/s ²	24m/s ²	945"/s ²
	Y-axis	15 m/s ²	590"/s ²	16 m/s ²	630"/s ²
Sheet thickness, max		8 mm	0,315"	8 mm	0,315"
Press capacity		220 KN-300 KN**	24 -33 t**	220 KN-300 KN**	24 -33 t**
Max sheet weight		230 Kg	507 lbs	200 Kg	441 lbs
Max. hit rate, cc: 25 mm 1"		505 l/min		505 l/min	

** 300 KN option/33 tons option

Control		
Make and type	Fanuc 160 iBP	Fanuc 160iBP
Memory capacity for program	> 1 GB	> 1 GB

Automation, optional				
Part flap size	500x525 mm	19,7x20,7"	500x525 mm	19,7x20,7"
Handling equipment	yes		yes	

Layout and installation data				
Footprint incl. safety light guards LxW	7700x6000 mm	303x236"	6700X5500 mm	264x2216"
Average power consumption	7 kW		7 kW	
Weight	15 000 Kg	33 000 lbs	14 000 Kg	31000 lbs

Pullmax reserves the right to make changes.

