

Laser Cutting

	BYSTRONIC BYSTAR	BYSTRONIC BYSPRINT
MAX SHEET SIZE	1615mm * 3330mm	1615mm * 3330mm
MAX LASERING AREA	1520mm * 3020mm	1520mm * 3020mm
MAX CUTTING THICKNESS - MILD STEEL	25mm	20mm
MAX CUTTING THICKNESS - ALUMINIUM	12mm	8mm
MAX CUTTING THICKNESS - STAINLESS STEEL	15mm	12mm
POSITIONAL TOLERANCE	+ / - 0.05mm	+ / - 0.05mm
LASER RESONATOR SIZE	4.4kW	3.0kW

Punching

	Pullmax 6000	AMADA Arcade 210
MAX SHEET SIZE	3050mm * 1500mm	1500mm * 3000mm
MAX CUTTING THICKNESS - MILD STEEL	4mm	3mm
MAX CUTTING THICKNESS - ALUMINIUM	6mm	6mm
MAX CUTTING THICKNESS - STAINLESS STEEL	3mm	3mm
POSITIONAL TOLERANCE	+ / - 0.1mm	+ / - 0.1mm
ACTUAL SIZES	+ / - 0.1mm	+ / - 0.1mm
PUNCHED HOLE SIZE	+ / - 0.05mm	+ / - 0.05mm

Folding

	LVD EFL 175/3000	LVD EFL 175/3000	LVD EFL 80/2500	COLGAR	AMADA APX50
TONNAGE	175T	175T	80T	150T	50
MAX FOLD LENGTH	3000mm	3000mm	2500mm	4000mm	2000mm
NUMBER OF AXES	6 axis	5 axis	5 axis	6 axis	FIVE axis
OPENING HEIGHT	500mm	500mm	400mm	480mm	370mm
ANGLE CHECKING DEVICE	EASY FORM LASER	EASY FORM LASER	EASY FORM LASER	COPRA LASER CHECK 5	-
	CNC FRONT SUPPORTS	1 EXTRA MANUAL BACK GUAGE		ROBOTIC (7 axis gantry mounted robot) & MANUAL FOLDING	

Spot Welding

	TECNA Spotwelder	SIP	British Federal	British Federal
Apparent power	10 kVA	25 kVA	45 kVA	52 kVA

MIG Welding

	Oelikon Citoarc M308C	Powertec 250C (*6)	NBC 200P (*3)	Messer Saturn 200	Butters 225
Current	304A	250A	200A	200A	225A

	Arc 203	Hobart 320	Lorch Synergic	Messer MIG 300C	
Current	203A	320A	320A	300A	

TIG Welding

	MG 300 AC/DC	V160T Invertec (*4)	V205T AC/DC (*3)	MIGATRONIC MT220 (*2)	
Current	300A	160A	205A	220A	

Insertion Machine

	HAEGER 824 WINDOW TOUCH
TONNAGE	Adjustable up to 72kN (16,000 lbs)
THROAT DEPTH	24"
AUTOMATIC FEED	'PEM' STYLE STUDS & PINS
MANUAL FEED	'PEM' STYLE INSERTS, 'HANK' BUSHES etc
	INSERT LOGIC SOFTWARE, FULLY PROGRAMMABLE JOB SCHEDULE INCLUDING DIFFERENT INSERTS & ON-SCREEN GUIDES (PHOTOGRAPHS / DRAWINGS)
	BUILT IN BATCH COUNTER
	TOOLING PROTECTION SYSTEM