Servo-Hydraulic Ram CNC Turret Punch Press
The Vectrum Series

VECTRUM-3046α

The Vectrum Series machines are provided with a high speed, stroke adjustable servo controlled hydraulic ram which produces outstanding quality parts. It has a variety of features such as low noise punching, high quality forming ability.

		VECTRUM-3046α	VECTRUM-3056α	VECTRUM-5058
Punching capacity		30 tons	30 tons	41 tons
Max. sheet thickness	(Mild steel)	6.35 mm (43 mm dia.)	6.35 mm (43 mm dia.)	10 mm (37 mm dia.)
Max. piercing diameter	(Mild steel)	121 mm dia. (Thick. 2.3 mm)	121 mm dia. (Thick.2.3 mm)	152 mm dia. (Thick.2.5 mm)
Max. sheet size (Y x X)	Without re-positioning	1250 mm x 2000 mm	1525 mm x 2000 mm	1525 mm x 2500 mm
	With one reposition	1250 mm x 4000 mm	1525 mm x 4000 mm	1525 mm x 5000 mm
	With one turn over	1525 mm x 2000 mm	1830 mm x 2000 mm	—
Table speed		113 m / min.	113 m / min.	91 m / min.
Stations		44, 54	44, 54	52, 54

★ **Advanced servo hydraulic technology to achieve super fast production.**
★ **Higher precision punching with accuracy ±0.07 mm. (VECTRUM-3046α , VECTRUM-3056α)**
★ **Low noise and energy efficient punching is possible with special designed servo hydraulic ram construction.**
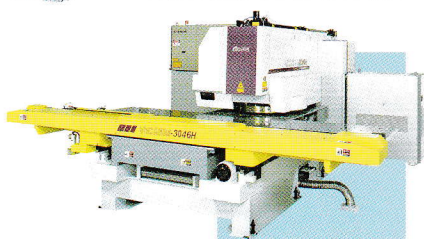★ **Brush table option is available.**

CNC Laser Punch Press
HYBRID Series

FLEXILASER-1544

The HYBRID Series can carry out high precision, high speed punching, and high quality, flexible laser process cutting, all in a single unit. The merits of combining functions within a single unit bring you a variety of value-added benefits, such as precision, productivity, and cost effectiveness at both the production and trial production stages.

VECTRUM-3046 HYBRID

MAGNUM-5000 HYBRID

★ **Advanced technolgy laser control for higher degree of accuracy and lower running cost.**
★ **Automatic selection of laser processing parameters using material information.**
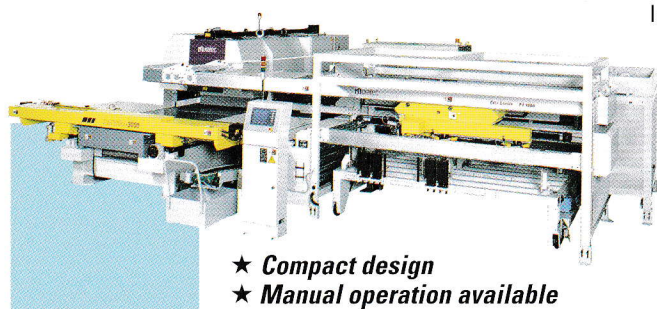★ **Space saving compact design.**

		FLEXILASER-1544	VECTRUM-3046 HYBRID	CENTRUM-3000 HYBRID	CENTRUM-3500 HYBRID	MAGNUM-5000 HYBRID
Punching capacity		10 tons	30 tons	30 tons	30 tons	41 tons
Max. sheet thickness	Punching (Mild steel)	6.35 mm (14 mm dia.)	6.35 mm (43 mm dia.)	6.35 mm (43 mm dia.)	6.35 mm (43 mm dia.)	10 mm (37 mm dia.)
	Laser cutting — Mild steel	6.35 mm	6.35 mm	6.35 mm	6.35 mm	10 mm
	Laser cutting — Stainless steel	6 mm *1	6 mm *1	6 mm *1	6 mm *1	6 mm
Max. sheet size (Y x X)	Without re-positioning	1250 mm x 1250 mm	1250 mm x 2000 mm	1250 mm x 2000 mm	1525 mm x 2000 mm	1525 mm x 2500 mm
	With one reposition	1250 mm x 2500 mm	1250 mm x 4000 mm	1250 mm x 4000 mm	1525 mm x 4000 mm	1525 mm x 5000 mm
Stations		18	44, 54	34, 40, 54	34, 40, 54	54, 57
Laser oscillator		CO_2	CO_2	CO_2	CO_2	CO_2
Rated laser output		1500 W (Option 2000 W)	1500 W (Option 2000 W)	1500 W (Option 2000 W)	1500 W (Option 2000 W)	2000 W

*1 Optional 2000W laser necessary

*Cutting quality may be affected due to change in material composition.
*For certain materials cutting thickness may vary to get good quality cut.

Muratec Cell Loader & Cell Stockers
SHEET METAL STANDARD CELL

When it comes to sheet metal FMS, Muratec Wiedemann has a proven tr
We have standardized autoloader and unloader sizes to fit our CNC turret
a product lineup that is sure to satisfy your needs for speed and compact
To minimize your costs and maximize the flexibility of your production,
look no further than Muratec Wiedemann.

★ **Space saving design**
★ **Unmanned automatic operation**

FF-1250

★ **Compact design**
★ **Manual operation available**

F1-1250