

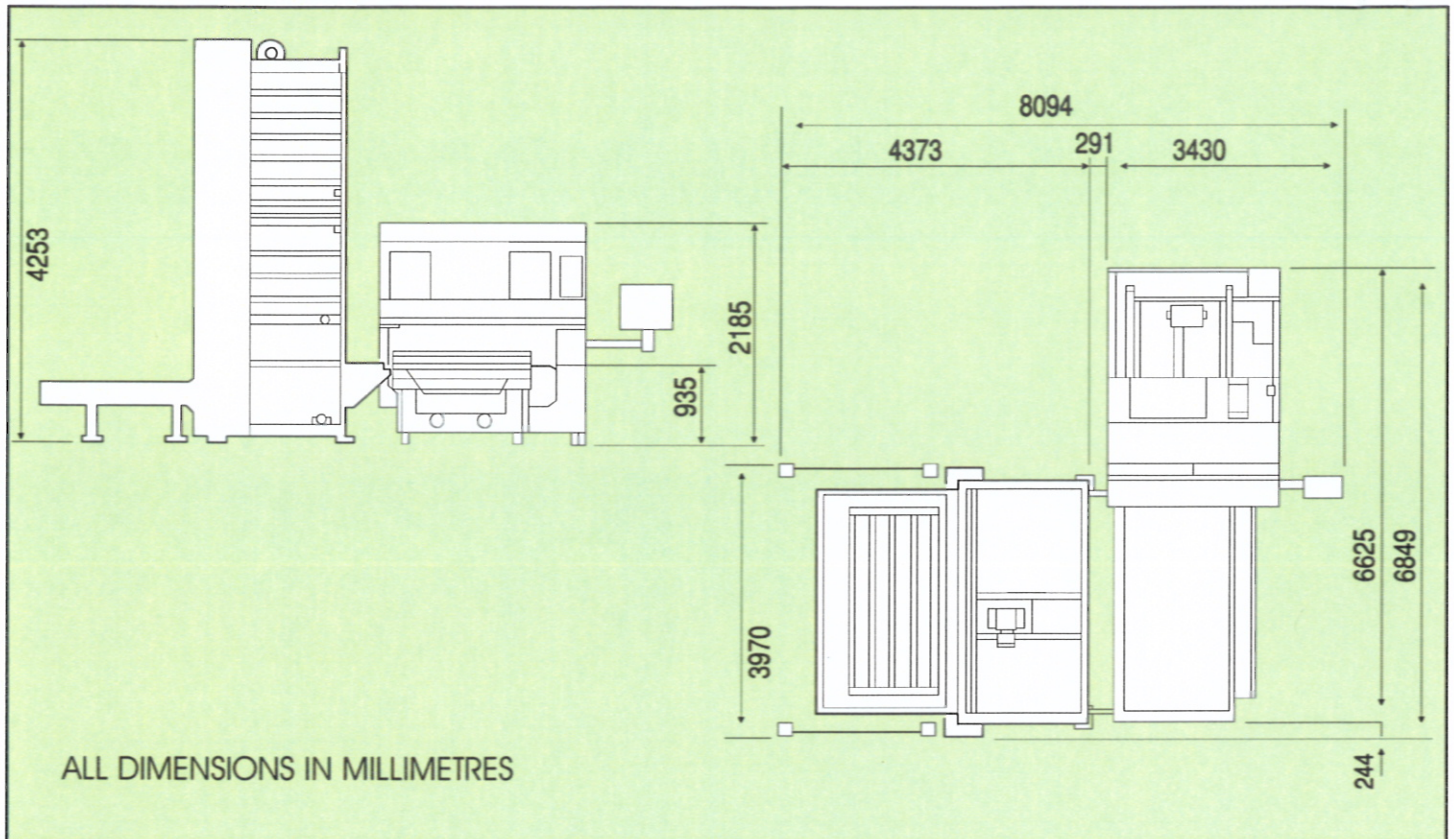
Human & Hi-tech

# LCV-3015βII +AS-10510PC

HYBRID LASER  
WITH AUTO STORAGE SYSTEM



## PROFILE DRAWING



## SPECIFICATION

### MAIN MACHINE

Axis Movement	X Axis	3070mm
	Y Axis	1550mm
	Z Axis	300mm
Rapid Axis Speed	X Axis	40m/min
	Y Axis	40m/min
	Z Axis	20m/min
Cutting Speed		0 - 20m/min
Max. Guaranteed Material Thickness(Following Amada recommended processing conditions)	Mild Steel	20mm
	St/Steel	15mm Oxygen cut 10mm Clean cut
	Aluminium	8mm (A5052)
Positioning Repeatability		± 0.005mm
Assist Gas Selection		Automatic
Power Consumption		63 KVA 400V (50Hz) ±10% Excludes Chiller & Extractor
Machine Weight	LCV 3015BII	11.7 tonnes
	AS10510PC	7.6 tonnes

### AUTO STORAGE SYSTEM

Model	AS10510PC
Number Of Shelves	10
Maximum Sheet Size	3050 x 1525mm

### LASER SECTION

Type	High Speed axial flow type CO <sub>2</sub> Laser with RF excitation
Rated Output	3000 W
Output Stability	Less than ± 2%
Output Mode	Continuous/pulse
Laser Gas	CO <sub>2</sub> :N <sub>2</sub> :He = 5:55:40
Pulse Duty	0 - 100%
Shutter Type	Electrical/Mechanical

### N.C. SECTION

Model	Fanuc FS 16-LB
Controlled Axis	X, Y & Z (3 axis simultaneously)
Input	MDI, EDIT & 3½" F.D.
Minimum Input	0.001mm
Program Storage	128 Kb.

## MACHINE FEATURES

- Unmanned operation using autostorage and scheduling system
- Skid table for thick material processing
- Cooling cut system - minimizing heat effect
- Power Pierce for rapid piercing of thick material
- Super high assist gas pressure for aluminium and clean cut processing
- Revolutionary two flow nozzle design for increased productivity