

ADIGE JUMBO – Technical Specifications

Round Tubes Diameter	min. 80mm dia. – max.508mm dia.
Square Tubes	min.80x80mm – max.400x400mm
Rectangular Tubes	min. 120x80mm –max.500x300mm
Open Sections – Beams / Columns / Channels On application	Cross-section min.80x80mm – max.500x300
Maximum Cutting Thickness	max.16mm on mild – 8mm stainless,6mm on aluminium
Standard Materials	mild steel – stainless (other materials available on request)
Length of bar which can be loaded	min.4,000mm-max 18,000mm
Long part unloading length	min.3,000mm – max 15,000mm
Short part unloading length	up to 3,000mm
Digital CNC	Two Siemens 840 D units 38 controlled axes in maximum configuration
Laser Source Power	3500 w
Settings	Fully automatic
Short part unloading up to 3,000mm	Using automatic front loading system arranged in front of the cutting system
Long part unloading 3,000-15,000mm	Using automatic unloading bed
Material clamping	Internal – External
Mixed sizes on loader	i.e. squares, rectangles etc...
Software	Adige Artube CAS / CAM with IGES
3D Simulation	Part to be processed
Weld Detection	Visual
Weld Preps	3D elliptical head can add weld preparations up to 45 degrees on application

LT8 – Technical Specifications

Round Tubes Diameter	min. 19mm dia. – max.225mm dia.
Square Tubes	min.19x19mm – max.200x200mm
Rectangular Tubes	min. 30x15mm –max.250x150mm

Standard Materials	mild steel – stainless steel, aluminum
Software	Adige Artube CAS / CAM with IGES, STEP & XT Import. Please check compatibility
Cutting thickness	Determined by weight factor of material 35kgm
Input length	max 8.5m
Finished component length	max 8.5m
Settings	fully automatic
Open Shapes Capability	Angle Iron, Channel, Flat Bar

LT651, LT652 & LT712D – Technical Specification

Round Tubes Diameter	min. 19mm dia. – max.150mm dia.
Square Tubes	min.19x19mm – max.140x140mm
Rectangular Tubes	min. 30x15mm –max.140x100mm
Oval Tubes	min.30x15mm – max.140x100mm
Standard Materials	mild steel – stainless steel, aluminium, pre-galvanised
Maximum Cutting thickness	mild steel – up to 6.3mm stainless steel – up to 4mm aluminium – up to 3mm
Input length	3,200mm min.6,500mm max, on LT651/652 8,500mm on LT712D
Finished component length	3,500mm max.on LT652 6,300mm max.on LT651 6.500mm max.on LT712D
Settings	fully automatic
Material clamping	external
Software	Adige Artube CAD/CAM with IGES, STEP & XT Import. Please check compatibility.