

SOLUTION

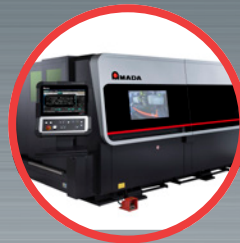
LASER CUTTING



AS LUL II 4020



AUTOMATIC SHEET HANDLING SOLUTION WITH STORAGE



DATA SHEET

AS LUL II 4020

AUTOMATIC SHEET HANDLING SOLUTION WITH STORAGE

REGIUS | VENTIS | ENSIS

COMPACT AND ERGONOMIC

The AS LUL machine takes care of automatic loading and unloading of sheets to the AMADA laser, and stores raw material and microjointed sheets.

The machine has a very compact design and the complete installation with the laser takes up very little floor space.

Suction cups allow loading of different material types including steel, aluminium, etc.

EXTENDED CAPACITIES

A raw material capacity of 3300 kg on each of the material pallets allows long, uninterrupted production runs.

The amount of different pallet types can be adapted according to the customers needs.

The machine is also available in a version with twin towers for extended production capacity.

TECHNICAL SPECIFICATIONS

	AS LUL II-4020	AS LUL II-4020 Twin
For AMADA models	REGIUS-AJ / VENTIS-AJ / ENSIS-AJ	REGIUS-AJ / VENTIS-AJ / ENSIS-AJ
Total number of pallets (including cutting pallets)	12 pcs	27 pcs
Normal cutting pallets ¹⁾ Maximum material mass	2 pcs. 1650 kg (automatic - shuttle mode)	
Raw material pallets ²⁾ Maximum material mass Maximum stack height	7 pcs. 3300 kg 80 mm	18 pcs. 3300 kg 80 mm
Unloading pallets ²⁾ Maximum material mass Maximum stack height	3 pcs. 3300 kg 80 mm	7 pcs. 3300 kg 80 mm
Material dimensions max. min.	4070 x 2050 mm 2000 x 1000 mm (automatic mode)	
Totally free cut minimum part size	225 x 180 mm	
Sheet thickness ³⁾	0.8 - 25.0 mm (please refer to laser specification)	
Typical time for AS LUL to prepare next sheet ⁴⁾	~4 min	
Typical pallet exchanging time	~48 s	
Machine maximum total height	5200 mm	
Input/output station with pin-table	Internal	External, left or right side
Second output station ¹⁾ Second output station + TK-4020L ¹⁾	Option	

1) Third cutting pallet is included with 2nd output station. 2) The total amount of pallets may not be exceeded. 3) If the maximum weight limit is not exceeded. 4) Minimum cutting time for continuous production.

When using this product, appropriate personal protection equipment must be used.

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