

# SOLUTION

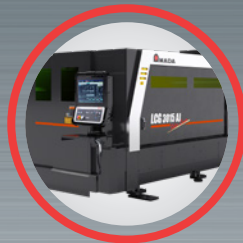
LASER CUTTING



## MP-4020



AUTOMATIC SHEET HANDLING SOLUTION



**AMADA**

DATA SHEET

# MP-4020

## AUTOMATIC SHEET HANDLING SOLUTION

VENTIS | ENSIS | LCG AJ

### COMPACT AND ERGONOMIC

The MP-4020 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 and does not require to have high ceilings

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

### EXTENDED CAPACITIES

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

Machine option

- Second output station
- Second output station + TK-4020L - 2P

### TECHNICAL SPECIFICATIONS

		MP-4020
For AMADA models		VENTIS / ENSIS / LCG AJ
Total number of pallets (including cutting pallets)		5 pcs
Normal cutting pallets <sup>1)</sup> Maximum material mass		2 pcs 1650 kg (automatic mode - shuttle mode)
Raw material pallets Maximum material mass Maximum stack height		2 pcs 3300 kg 80 mm
Unloading pallets Maximum material mass Maximum stack height		1 pc. 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 <sup>2)</sup>		0.8 – 25.0 mm (please refer to laser specification)
Typical time to prepare next sheet <sup>3)</sup>		~4 min
Typical pallet exchanging time		~48 sec
Machine maximum total height		3700 mm
Second output station <sup>1)</sup> Second output station + TK-4020L <sup>1)</sup>		Option
Input/output station with pin-table		Internal

1) Third cutting pallet is included with 2nd output station

2) If the maximum weight limit is not exceeded

3) Minimum time for continuous production

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

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