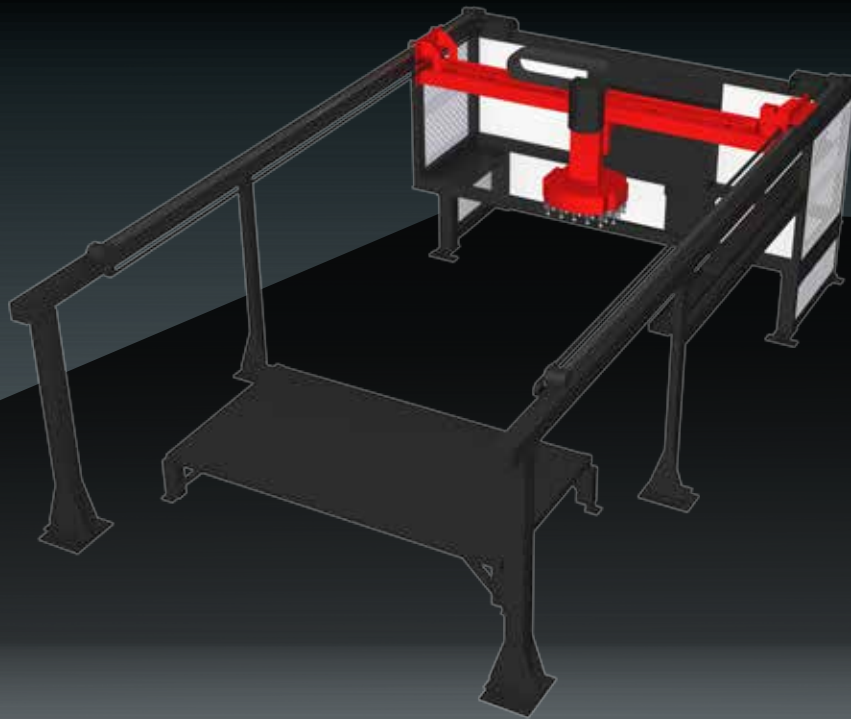


SOLUTION

LASER CUTTING



TK 3015 L



PART REMOVER FOR CO₂ & FIBER LASER CUTTING MACHINES



 **AMADA**[®]

DATA SHEET

TK 3015 L

PART REMOVER FOR CO₂ & FIBRE LASER CUTTING MACHINES

ENSIS | LCG | LCG AJ | LC F1* | FOL AJ* | FLC AJ* | FO MII

PRECISION AND SPEED

The TK provides a solution for automatic collection and stacking of parts.

Easy off line programming is possible with the integration of Amada's Dr. ABE Blank software.

Smooth vacuum handling and a minimized part drop height allows the easy processing of surface sensitive materials.

Precise stacking of parts makes robotic bending or other automated handling possible in the next production process.

Parts with complex shapes can be handled because of individually controlled suction cups.

The system is controlled by FMS Controller.

TECHNICAL SPECIFICATIONS

				Remarks
Stacking area	X x Y	mm	3050 x 1525	
Maximum Parts Weight**		kg	70	e.g. 1500x1000xt6 - 1000x1000xt9
Sheet Thickness **		mm	1.0 - 9.0	
Max. Part Size **		X x Y	mm	1500 x 1200
Min. Part Size ** STD skid tooth 32 mm	Thickness ≤1.6mm	X x Y	mm	250 x 100
	Thickness ≥1.7mm	X x Y	mm	175 x 100
Option Min part size ** in Y skid tooth 16 mm	Thickness ≤1.6mm	X x Y	mm	250 x 50
	Thickness ≥1.7mm	X x Y	mm	175 x 50
Part Spacing		mm	>10	recommended
Stacking height (table at 540 mm)		mm	450	
Box height (table at 540 mm) OPTION need additional light guard		mm	420	
TK unit size (Arm close)		mm	770 x 540	
TK unit size (Both sides arm open)		mm	1270 x 540	Both sides arm open 250mm (=500mm)
TK unit size (One side arm open)		mm	1020 x 540	One side arm open 250mm
TK cycle time		sec/part	10 - 15	
Vacuum Pads			43	Ø30 x 29 - Ø50 x 14
Suction Pads Group Control			Individual management	
Confirmation of Suctioning Parts			vacuum switch	Conduction sensor
Programing software			Dr.ABE_Blank-Laser	
Line controller			FMS Controller EU	
Power and Air			(6kVA-200v) – (500 L/min)	

* Only common cutting pallets

** Technical specification depends on part shape and cutting technology «Minimum - Maximum part size - Weight and Thickness»

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