



SOLUTION

TK 3015 EU

PART REMOVER FOR FIBRE LASER
CUTTING MACHINES



TK 3015 EU

PART REMOVER FOR FIBRE LASER CUTTING MACHINES

REGIUS | VENTIS | ENSIS

PRECISION AND SPEED

The TK 3015 EU provides a solution for automatic collection and stacking of parts.

Easy off line programming is possible with the integration of AMADA's Dr. ABE/VPSS3i 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

TK 3015 EU				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	In X direction (angle 0)
	Thickness ≥1.7mm	X x Y	mm	
Option Min part size* in Y skid tooth 16 mm	Thickness ≤1.6mm	X x Y	mm	
	Thickness ≥1.7mm	X x Y	mm	
Part Spacing		mm	>10	recommended
Stacking height (table at 540 mm) ¹⁾		mm	450 ²⁾ or 350 ³⁾	
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 VPSS3i Blank	
Line controller			FMS Controller EU or AMNC3i FMS	
Power and Air			(6kVA-400v) – (500 L/min)	

* Only common cutting pallets

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

¹⁾Wooden pallet is included in the stacking height measurement.

²⁾Stacking height for a CELL is 450 mm

³⁾The stacking height is 350 mm with CS II 300 connection

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

AMADA UK LTD.

Spennells Valley Road,
Kidderminster,
Worcestershire DY10 1XS
United Kingdom
Tel: +44 (0)1562 749500
Fax: +44 (0)1562 749510
www.amada.co.uk

AMADA SA

Paris Nord II
96, avenue de la Pyramide
93290 Tremblay en France
France
Tél: +33 (0)1 49 90 30 00
Fax: +33 (0)1 49 90 31 99
www.amada.fr

AMADA GmbH

Amada Allee 1
42781 Haan
Germany
Tel: +49 (0)2104 2126-0
Fax: +49 (0)2104 2126-999
www.amada.de

AMADA ITALIA S.r.l.

Via Amada I., 1/3
29010 Pontenure
(Piacenza)
Italia
Tel: +39 (0)523-872111
Fax: +39 (0)523-872101
www.amada.it

