



SOLUTION

TK4020L-2P

FLEXIBLE PARTS
TAKE-OUT UNLOADER FOR LASER



TK4020L-2P

FLEXIBLE PARTS TAKE-OUT UNLOADER FOR LASER

VENTIS | ENSIS | REGIUS

PRECISION AND SPEED

AMADA TK4020L-2P flexible parts take-out unloader system is always associated with a tower and laser machine.

The parts are automatically selected and stacked by a take-out unloader to free the operator from time consuming part separation and sorting tasks.

With the TK4020L-2P, speed and productivity are mathematically predictable and no longer linked to personnel motivation. Preprogrammed commands allow the system to work around the clock with a minimum amount of operator intervention.

Works in conjunction with Tower, for loading of raw material and unloading of skeleton sheets. The additional storage capacity enables long, uninterrupted productions runs and scheduling of jobs of different materials.

TECHNICAL SPECIFICATIONS

					Remarks
Stacking area	X x Y	mm	4400 x 2000		
Maximum Parts Weight		kg	150		
Sheet Thickness		mm	1.0 - 12.0		
Max. Part Size	X x Y	mm	2500 x 1250		
Min. Part Size STD skid tooth 32 mm	Thickness ≤ 1.6 mm	X x Y	mm	250 x 100	In X direction (angle 0)
	Thickness ≥ 1.7 mm	X x Y	mm	175 x 100	
Option Min part size in Y skid tooth 16 mm	Thickness ≤ 1.6 mm	X x Y	mm	250 x 50	
Part Spacing		mm	>10		Recommended
Stacking height		mm	260		Without wooden pallet
TK unit size (Arm close)		mm	1000 x 780		
TK unit size (Both sides arm open)		mm	2200 x 780		
TK cycle time		sec/part	12 -15		
Vacuum Pads			81		$\varnothing 30 \times 7 - \varnothing 50 \times 34 -$ multi pad x 10
Suction Pads Group Control			Individual management		
Confirmation of Suctioning Parts			Vacuum switch		Conduction sensor
Programing software			VPSS 3i BLANK		
Line controller			AMNC 3i		
Line controller option			FMS-C		In accordance with the other machines in the line
Power and Air			(8kVA-400v) - (800 L/min)		

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

