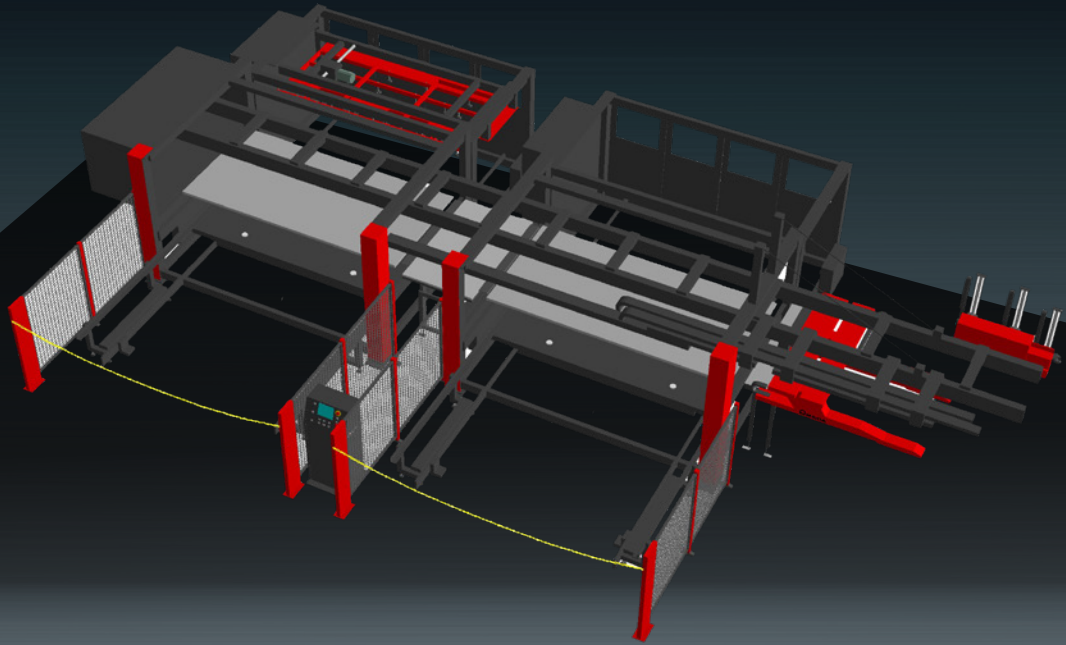


SOLUTION

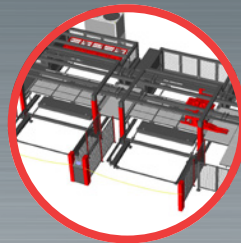
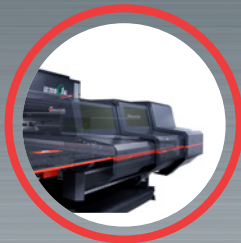
BLANKING



LA 3015 NTK SR 3015 NTK



AUTOMATIC SHEET LOAD/UNLOAD/PART REMOVER FOR PUNCH & COMBINATION MACHINES



DATA SHEET

LA 3015 NTK - SR 3015 NTK

AUTOMATIC SHEET LOAD/UNLOAD/PART REMOVER FOR PUNCH & COMBINATION MACHINES

OPEN FRONT CONCEPT

EMZR | LC C1 AJ | EML AJ | ACIES CO₂ | ACIES AJ | EM MII

MAXIMIZED PRODUCTIVITY

This automation solution has been developed to unlock the maximum productivity of your blanking cell. The «open front» concept allows for rapid one off production, whilst the rear manipulator with integrated Take Out (TK) unit allows for high volume manufacture. The compact, accessible, space saving design ensures productivity and flexibility gains.

The combined Rear Manipulator with integrated Take Out (TK) Unit module facilitates safe and reliable automatic loading of raw material and high speed, high precision removing and stacking of processed parts.

TECHNICAL SPECIFICATIONS

RAW MATERIAL		PARTS - SKELETON	
Number of shelves/pallets	1	Number of shelves/pallets	Parts: 1 - Skeleton: 1
Pallet size	3100 x 1600 mm	Pallet size	3100 x 1600 mm
Material size	Max. 3000 x 1525 mm	Unloading product size	Max. 3000 x 1525 mm
	Min. 900 x 900 mm		Min. 900 x 900 mm
Material thickness	0.5 – 6.0 mm	Stacking height	Parts : 320 mm (including wooden skid) Skeleton : 225 mm (including wooden skid)
Stacking height	250 mm (including wooden skid)		
Stacking weight	3000 kg/pallet	Stacking weight	3000 kg/pallet
Machine total height	2990 mm (pass line at 1105 mm)	Machine total height	2990 mm (pass line at 1105 mm)

TAKE OUT UNIT (STANDARD 3015 TK)

Part size handled by unloading clamps	Max.	3000 x 1525 mm
	Min.	900 x 900 mm
Material thickness	Punching mode 0.5 - 3.2 mm - Laser mode 0.5 - 6.0 mm	
Maximum weight	60 kg (TK-arm x 1) - 120 kg (TK-arm x 2)	
Parts unload Laser X - Y *	Max.	2800 x 1500 mm or 3000 x 500 mm
	Min.	100 x 40 mm
Parts unload Punch X - Y *	Max.	2800 x 1450 mm or 3000 x 500 mm
	Min.	50 x 100 or 200 x 50 mm
Axis speed X - Y	160 m /min - 100 m/min	

TAKE OUT UNIT WITH MICRO JOINT CUTTER (MJC)

MJC maximum part size	2300 x 1160 x 3.2 mm	
MJC maximum joint number	20 point / part	
MJC position	Clamp side X- direction of part	
MJC Tool type	Downward burr - for 6 mm wide punching tool	
Minimum slot width for external MJC processing	6.0 mm	
Minimum slot length for external MJC processing	22.0 mm	
Thickness for MJC processing	SPC (300N/mm)	0.5 – 3.2 mm
	SUS (600N/mm)	0.5 – 1.5 mm
	AL (150N/mm)	1.0 – 3.0 mm
Maximum wire joint length	1.0 mm	
Maximum trapezium joint length	1.0 mm	

* Value may vary depending on machine type

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

