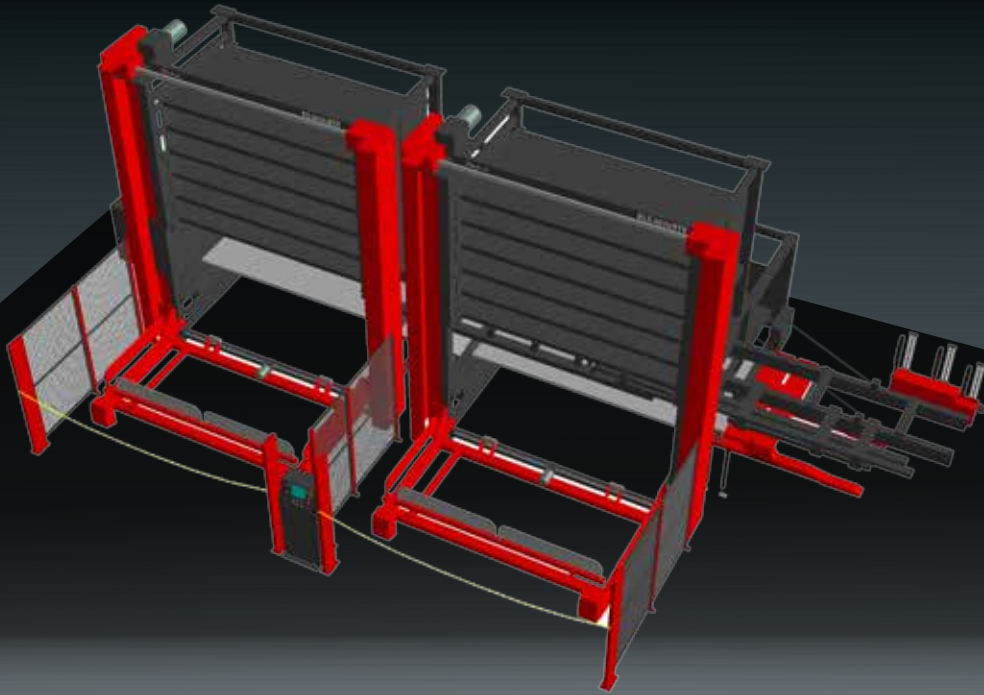


# SOLUTION

BLANKING



## AS 3015 NTK ULS 3015 NTK



AUTOMATED STORAGE & PART REMOVER FOR PUNCH & COMBINATION MACHINES



DATA SHEET

# AS 3015 NTK - ULS 3015 NTK

**AUTOMATED STORAGE & PART REMOVER FOR PUNCH & COMBINATION MACHINES**  
**OPEN FRONT CONCEPT**

EMZR | LC C1 AJ | ACIES

## AUTONOMY AND FLEXIBILITY

This flexible system is composed of 2 storage towers for material/parts and a part remover with micro joint cutter. It has been worked out to rationalize the raw material and machined parts flow, in order to increase productivity. The rigid tubular welded construction and a simple design of the AS3015NTK+ULS3015NTK provides autonomy and flexibility.

Its compact design allows easy integration into your workshop. In standard configuration, it is equipped with 10 pallets (3 tons each) for raw material and 10 pallets (3 tons each) for finish product or skeleton. The second tower for finish product can be configured as single or double shelves.

The part remover picks parts from the processed sheet via vacuum suction cups and reliably stacks them on the unload pallet. The part remover also utilises unloading clamps to remove processed skeletons and micro-jointed sheets.

## TECHNICAL SPECIFICATIONS

RAW MATERIAL		
Number of shelves/pallets	10	
Material size	Max.	3000 x 1525 mm
	Min.	900 x 900 mm
Material thickness	0.5 – 6.0 mm	
Stacking height	90mm (without pallet)	
Stacking weight	3000kg/pallet	
Machine total height	5180 mm (+ 400mm maintenance)	

PARTS - SKELETON		
Number of shelves/pallets	5 double or 10 single	
Unloading product size	Max.	3000 x 1525 mm
	Min.	900 x 900 mm
Stacking height	90mm (without pallet) single 250 mm double	
Stacking weight	3000kg/pallet	
Machine total height	5180 mm (+ 400mm maintenance)	

### 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	60kg (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

