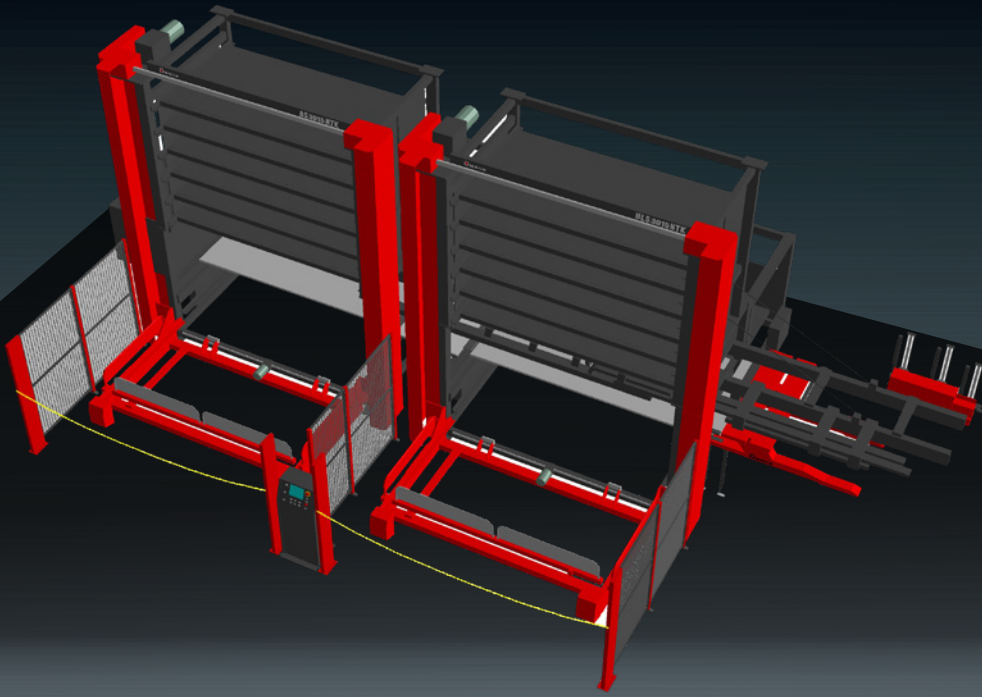


SOLUTION

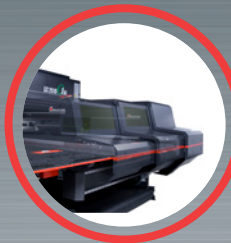
BLANKING



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 | EML AJ | ACIES CO₂ | ACIES AJ | EM MII

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	90 mm (without pallet)
Stacking weight	3000 kg/pallet
Machine total height	5180 mm (+ 400 mm maintenance)

PARTS - SKELETON	
Number of shelves/pallets	5 double (STD) or 10 single (option)
Unloading product size	Max. 3000 x 1525 mm
	Min. 900 x 900 mm
Stacking height	250 mm double (STD) 90 mm single (option)
Stacking weight	3000 kg/pallet
Machine total height	5180 mm (+ 400 mm 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

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