



# SOLUTION

## R-3015 TK

PART REMOVER FOR PUNCHING MACHINES



# R-3015 TK

## PART REMOVER FOR PUNCHING & COMBINATION MACHINES

EMZR B/T | EM MII

### INCREASED PRODUCTIVITY

This flexible part removal system features a part remover with micro joint cutter. The parts are automatically selected and stacked by the part remover to free the operator from time consuming part separation and sorting tasks.

With the R3015 TK, speed and productivity are consistent and no longer linked to operator performance. Preprogrammed commands allow the system to work around the clock with a minimum amount of supervision.

The system works in conjunction with an MP SheetCat or ASIII MP, for loading of raw material and unloading of skeleton sheets. The additional storage capacity of the ASIII MP enables long, uninterrupted productions runs and scheduling of jobs of different materials.

### TECHNICAL SPECIFICATIONS

TAKE OUT UNIT			R3015 TK	R3015 TK UL S
Number of pallets		pcs	2	-
Pallet size		mm	3400 x 1600	3000 x 1500
Part size handled by unloading clamps	Max.	mm	-	3000 x 1525
	Min.	mm	-	900 x 900
Stack height	Finished parts	mm	360 (including pallet)	350
	Scrap pallet	mm	-	120
Material thickness		mm	Punching mode 0.5 - 3.2 - Laser mode 0.5 - 6.0	
Maximum weight		kg	60 (TK-arm x 1) - 120 (TK-arm x 2)	
Parts unload Laser X - Y *	Max.	mm	2800 x 1500 or 3000 x 500	
	Min.	mm	100 x 40	
Parts unload Punch X - Y *	Max.	mm	2800 x 1450 or 3000 x 500	
	Min.	mm	50 x 100 or 200 x 50	
Axis speed X - Y		m/s	2.65 - 1.65	

TAKE OUT UNIT WITH MICRO JOINT CUTTER (MJC)			
MJC maximum part size		mm	2300 x 1160 x 3.2
MJC maximum joint number		pt / part	20
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		mm	6.0
Minimum slot length for external MJC processing		mm	22.0
Thickness for MJC processing	SPC (300N/mm)	mm	0.5 - 3.2
	SUS (600N/mm)	mm	0.5 - 1.5
	AL (150N/mm)	mm	1.0 - 3.0
Maximum wire joint length		mm	1.0
Maximum trapezium joint length		mm	1.0

\* Value may vary depending on machine type

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

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