

97 VARICON 7000-Eco

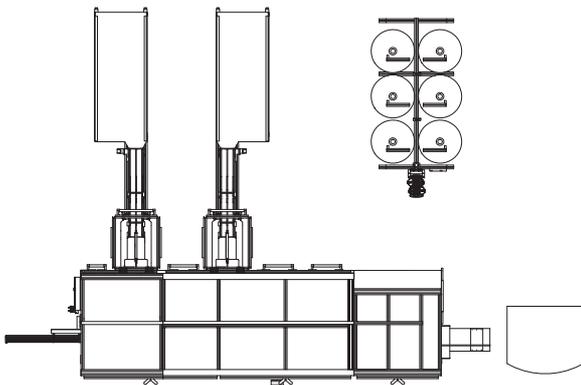
Tools and harnessing machines



Versatile, fully automatic harnessing machine for termination of RAST connectors in insulation displacement technology (IDT), for flexible harness configurations

Approvals: 

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Range of application

Connector	RAST 2.5 (351..., 352..., 354...) RAST 2.5 plus™ (351...00, 352...00) RAST 2.5 Power (357...) RAST 2.5 Power plus™ (357...00) RAST 5 (362..., 363...)
Pole number	all available
Pitch	2.5/5.0 mm
State of delivery of connectors	in chain (354... in bar stock carrier)
Processable conductor	discrete conductor

Features

Application	very high volume production
Stroke capacity	ca. 5200 contacts/h
Scope of functions and delivery	<ul style="list-style-type: none"> - Highly efficient connector loading - 2 different RAST systems loadable in parallel - Detaching of connectors and cutting of RAST keyings - Efficient cable loading - 6 cable barrels mountable in parallel - 2 different cables loadable in parallel (different types, sections, colors) - Flexible cable processing - 1-to-n (J-type) and 1-to-1 (Z-type) harnesses - Crossed cables, bridged contacts and varying pitches in one harness - Multiple, arbitrary cable lengths in one harness (min. 60 mm, 30 mm on request, max. 2,500 mm) - Precise IDT termination - Quality assurance - Mechanical testing units including RAST keying and cable end position tests - Electrical testing units, including continuity, high-voltage/short-circuit tests - Destruction of reject parts - Finishing - Cable bending unit for RAST 2.5 Power plus™ and RAST 5 - Produced harnesses hanging straight or in loop for manual unloading; unloading into tubes on request - Especially short changeover times
Options	<ul style="list-style-type: none"> - Special press die, required for 3517-5 (for 1 mm printed circuit board) - additional loading modules

Dimensions and supply data

Dimensions (H x W x D)	2080 mm x 6940 mm x 6660 mm
Weight	ca. 4000 kg
Electrical supply	400 V/50 Hz, 16 A
Compressed air supply	6 bar
Compressed air consumption	4–5 m ³ /h

97

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Associated products

Accessories

[HZ35-V](#)

[HZ357-V](#)

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
VARICON 7000-Eco	-	1	1