

97 VARICON 7000-Eco-CR

Tools and harnessing machines



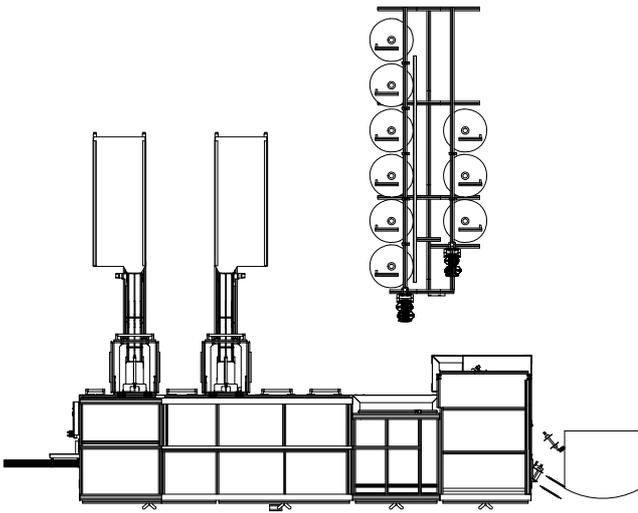
Versatile, fully automatic harnessing machine for termination of RAST connectors in insulation displacement technology (IDT), combined with additional crimp contacts, for flexible harness configurations

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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...) Minimodul and Multimodul crimp contacts (3111) Circular connector crimp contacts (0364, 0369) Crimp contacts according to specification
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 IDT contacts/h
Scope of functions and delivery	<ul style="list-style-type: none"> <li>- <b>Highly efficient connector loading</b></li> <li>- 2 different RAST systems loadable in parallel</li> <li>- Detaching of connectors and cutting of RAST keyings</li> <li>- <b>Efficient cable loading</b></li> <li>- 6 cable barrels mountable in parallel</li> <li>- 2 different cables loadable in parallel (different types, sections, colors)</li> <li>- <b>Crimp stations</b></li> <li>- Termination of crimp contacts as specified by customer</li> <li>- Up to 3 crimping stations possible</li> <li>- With crimp force analyzer</li> <li>- Double crimp possible</li> <li>- Crimp housing block loader possible</li> <li>- <b>Flexible cable processing</b></li> <li>- 1-to-n (U-type) and 1-to-1 (Z-type) harnesses</li> <li>- Crossed cables, bridged contacts and varying pitches in one harness</li> <li>- Multiple, arbitrary cable lengths in one harness (min. 60 mm, 30 mm on request, max. 2,500 mm)</li> <li>- Precise IDT termination</li> <li>- <b>Quality assurance</b></li> <li>- Mechanical testing units including RAST keying and cable end position tests</li> <li>- Electrical testing units, including continuity, high-voltage/short-circuit tests</li> <li>- Destruction of reject parts (individually or sequentially)</li> <li>- <b>Finishing</b></li> <li>- Cable bending unit for RAST 2.5 Power, RAST 2.5 Power plus™ and RAST 5</li> <li>- Produced harnesses hanging straight or in loop for manual unloading; unloading into tubes on request</li> <li>- <b>Especially short changeover times</b></li> </ul>
Options	<ul style="list-style-type: none"> <li>- Special press die, required for 3517-5 (for 1 mm printed circuit board)</li> <li>- additional loading modules</li> <li>- crimp housing loader station</li> </ul>

**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 <sup>3</sup> /h

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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-CR	-	1	1