

97 VARICON 7000-Versa

Tools and harnessing machines



Fully automatic harnessing machine for termination of RAST connectors in insulation displacement technology (IDT), for diverse harness configurations

Approvals: 

97 VARICON 7000-Versa

Range of application

Connector	RAST 1.5 (331...)* RAST 2.5 (351..., 352...)* RAST 2.5 (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	1.5/2.5/5.0 mm
State of delivery of connectors	in chain (331... in multiple bar magazine) (354... in bar stock carrier)
Processable conductor	discrete conductor

Features

Application	high volume production
Stroke capacity	ca. 3600 contacts/h
Scope of functions and delivery	<ul style="list-style-type: none"> - Efficient connector loading - 2 RAST systems* loadable (commitment to two of the listed systems, machine cannot be converted) - 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 (U-type) and 1-to-1 (Z-type) harnesses - Crossed cables, bridged contacts and varying pitches in one harness - Multiple cable lengths in one harness - Minimum cable length 60 mm (RAST to RAST, 2-pole, pin 1-1) 30 mm (RAST to open end) 50 mm (RAST to crimp) - Maximum cable length 2300 mm (RAST to RAST) 1150 mm (RAST to open end) 1150 mm (RAST to crimp) - 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 - 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)

Dimensions and supply data

Dimensions (H x W x D)	2100 mm x 4400 mm x 4700 mm
Weight	ca. 1600 kg
Electrical supply	400 V/50 Hz, 16 A
Compressed air supply	6 bar
Compressed air consumption	8–10 m ³ /h

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Associated products

Accessories

[🔗 HZ35-V](#)

Harnessing equipment

🔗 331000	🔗 3510	🔗 3510-2
🔗 3511	🔗 3511-2	🔗 3512
🔗 3512-2	🔗 3513	🔗 3513-2
🔗 3515	🔗 3515-2	🔗 3516
🔗 3516-2	🔗 3517	🔗 3517-2
🔗 3517-4	🔗 3517-5	🔗 351700
🔗 3518	🔗 3518-2	🔗 3518-4
🔗 351800	🔗 3521	🔗 3521-2
🔗 352100	🔗 3523	🔗 3523-2
🔗 352300	🔗 3525	🔗 3570
🔗 357000	🔗 357099	🔗 3575
🔗 357600	🔗 3623	🔗 3623 01 V01
🔗 3625	🔗 3625 01	🔗 3626
🔗 3627	🔗 3628	🔗 3628-1
🔗 3633	🔗 3636	

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