



ENKOrroll Thread Rolling Machine

The ENKOrroll, type TR01, has been specially designed for making screw shank or annular profiles on nails. It can achieve production speeds of up to 3000 nails per minute due to the unique feeding system. The capacity depends on the type of nail and profile chosen and on the feeding rate from the feeder bowl, which is supplied with the machine. The ENKOrroll comes equipped with a connection to exhaust ventilation and cooling system.



ENKOTEC Advantages:

- High production speed
- High-quality profiling of nails
- Cost-effective production
- Reliable and stable production
- Fast tooling changeovers
- Clean work environment
- Low noise level
- Interface for easy adjustments
- Remote Access to HMI for support
- Digital manual on the HMI

ENKOrroll Specifications

ENKOrroll Specifications				
	TR01-ST	TR01-ST DH/Offset	TR01-SH Ring Shank	TR01-SH Screw Shank
Wire diameter	Ø2.3 – Ø4.50mm 0.090"-0.177" 4 feeding screws for different nail diameter intervals	Ø2.75 – Ø3.40mm 0.108"- 0.133" 1 feeding screw covers the entire nail diameter range	Ø2.10 – Ø2.35mm ^{a)} 0.083" – 0.093" Ø2,30 – Ø3,05mm ^{b)} 0.091" – 0.120" 2 feeding screws for different nail diameter intervals	Contact ENKOTEC for details
Nail length	RS: 38-105 mm 1.5" – 4.1" SS:45-105 mm 1.77" – 4.1"	50-100mm 1.97"- 3.94"	27-57mm ^{a)} 1.07"-2.25 29-57mm ^{b)} 1.14"-2.25"	
Profile height (max-min)	33 - 76 mm 1.3"-3.0"	45 - 76 mm 1.8"-3.0"	22-52mm ^{a)} 0.87"-2.05" 24-52 mm ^{b)} 0.95"-2.05"	
Max. Capacity*	RS: 3000 NPM SS: 2500 NPM	1750 NPM	2500 NPM	
Tooling type	Type 75, Ring 7", 5.5", -3", Shoe Type 75-3			
Dimensions	1950mm x 1120mm x 1840mm / 77.0" x 44.0" 72.5"			
Main motor	18kW, 900Nm			
Compressed air	Approx. 215 l/min. / 13 m³/h / 5,5 bar / 87 psi			
Machine weight	1840 kg / 4057 pounds			

* Depending on nail sizes, head types and nail feeder capacity.

Sales/JOB 25/02

RS = Ring Shank
SS = Screw Shank

Head Office & Production · ENKOTEC A/S · Sverigesvej 26 · DK-8660 Skanderborg

Tel.: +45 8652 4444 · sales@enkotec.dk · www.enkotec.com

Sales Office South & Central America · Tel.: +54 911 5102 2090 · max@enkotec.dk

Sales & Service USA/Canada/Mexico · ENKOTEC COMPANY, INC. · 31200 Solon Road, Solon · Ohio 44139, USA

Tel.: +1 440 349-2800 · sales@enkotec.com · www.enkotec.com