



## ENKOnail Series Nail Machine

ENKOTEC machines are different from conventional nail machines, as they are based on a rotary forming principle. ENKOTEC rotary nail machines offer you a large number of advantages, all ensuring a cost-effective production process and a highly competitive end result.

The ENKOnail series nail manufacturing machines have been specially designed to meet the demands of your short and medium-size production runs.

The payoff controls are integrated in the nail machine, and the turntable is driven through a helical bevel geared motor. A speed control arm adjusts the speed by means of a touch-free sensor.



### ENKOTEC Advantages:

- High capacity
- High consistent nail quality
- Fast tooling changeovers
- Low production costs
- High process stability
- Long tooling life
- Automated manufacturing
- Clean, low-noise production

ENKOnail MX01 Machine Types		
	MI01	MM01
<b>Capacity</b>	1,000 nails per minute	850 nails per minute
<b>Nail Length a)</b>	38-88 mm / 1 1/2"-3 1/2" b)	60-101,6 mm / 2 3/8"-4"
<b>Shank Diameter</b> <i>(Wire Ø)</i>	Ø 2.0-3.8 mm / .079"- .150"	Ø 2.8-4.2 mm / .110"- .165"
<b>Compressed Air</b>	200 l/min. / 52.8 gpm / 12 m <sup>3</sup> /h 6 bar/87 psi	250 l/min. / 66.1 gpm / 15 m <sup>3</sup> /h 6 bar/87 psi
<b>Tensile Strength</b> <i>Recommended</i>	Wire Ø < 2.5 mm: 800-900 N/mm <sup>2</sup> or 116,000-130,000 psi Wire Ø > 2.5 mm: 750-850 N/mm <sup>2</sup> or 109,000-123,000 psi	
<b>Motor Size</b>	9.0 kW	
<b>Weight</b>	1,700 kgs 3,750 lbs	
<b>Dimensions</b> <i>(L X W X H)</i>	1,990 x 1,080 x 1,570 mm 6' 6.4" x 3' 6.5" x 5' 1.8"	
<b>Upsetting Ratio</b> <i>(L/d)</i>	Max 2.5	

a) Max. nail length depending on nail specs

b) Nail lengths up to 90 mm under special conditions