



## KNOT M – EASY START

KNOT M - EASY START is a NEW simple machine that is easy to use. Thanks to its flexibility, it is ideal for start-up production needs of twisted knot segment and/or frequent model changes. This machine is capable to run almost all sizes of twisted knot segment typically found in the market.

The operator manually loads the pre-drilled disc into the knotting station. The machine will insert the wire from the multi-wire reel(s) following the settings defined on the control panel by the operator. The software can hold up to 500 different programs in the memory. Once the knotted segment is finished, the operator can choose to manually unload the segment, or the machine can be set to automatically eject the segment from the workstation falling into a container positioned below. No tooling change is needed for different knot shapes. The machine is equipped with the latest generation of safety systems.

- ✓ Ease to use
- ✓ Flexible
- ✓ 1-knot every 2.5 seconds
- ✓ Plug and Play installation
- ✓ Low investment cost
- ✓ Wide production range
- ✓ Remote assistance module

# TECHNICAL DATA

## PRE-DRILLED METAL DISCS

O.D. Min.(mm)	34
O.D. Max.(mm)	400
Thickness Min.(mm)	2
Thickness Max.(mm)	3
Pitch Diameter Min.(mm)	28
Pitch Diameter Max.(mm)	<400

## KNOTTED BRUSH

O.D. Min.(mm)	112
O.D. Max.(mm)	600

[For smaller/larger products including this product size range, please request Custom Sizing Quote]

## WIRE

Material(s)	S,SS,B,BC,HD
Length Min. (mm)	90
Length Max. (mm)	280
Diameter Min. (mm)	0.15
Diameter Max. (mm)	0.8

Wires per knot is dependent upon wire diameter vs. hole diameter

## OTHER

Number of Axes	3
Installed Power (kW)	14
Dimensions (mm)	200 x 2000 x 1900
Weight (Kg)	2900
(OPTIONAL) Industry 4.0 Software	

## PRODUCTION

Max. Knotting Speed	1 knot every 2.5 seconds
---------------------	--------------------------

### Material(s) Legend

**S:** STEEL **SS:** STAINLESS STEEL **C:** COPPER **B:** BRASS  
**BC:** BRASS COATED **HD:** HARD DRAWN **N:** NATURAL  
**SY:** SYNTETIC **ALL:** ALL THE MATERIALS MENTIONED

