

# Optima 1160



## Description

The Optima 1160 is a single spindle machine which is designed to provide optimum winding solutions for specific applications at low capital and running cost through simple design and construction.

Menu-driven programming through alpha-numeric dialogue display, a powerful set of programmable parameters and multi-program memory help in realizing complex winding programs with exceptional ease.

## Technical Specifications

Particulars	Specification
Spindle	Single (Side loading / Front loading)
Winding speed	300 to 9000 RPM (Programmable)
Wire diameter	1.4 mm (Max. bobbin dia.: 70 mm)
Winding width	120 mm.
Bobbin diameter	160 mm (max.) (wire dia. max.: 0.8 mm)
Memory	100 Programmes, Non-volatile
Spindle motor	PMDC Motor / AC Induction Motor with VFD
Power supply	220 V AC, 50 Hz, Single Phase AC supply
Dimensions	370 (L) x 345 (B) x 370 (H)
Weight	45 Kgs.

## Standard Accessories

- Friction Type Tensioner (Manual adjustments through felts)
- Wire guide
- Wire cut sensors
- Spool container (165 mm dia. x 220 mm ht.) with Tensioner mounting stand

## Application

- Relay, IFT, Choke coils, Drum core, SMPS, RF coils
- Voice coils, Timer coils, Solenoid coils, Ballast coils
- Flasher coils, Pickup coils, Buzzer coils
- Small Transformer coils

**Synthesis** Winding Technologies Pvt. Ltd.



### H.O. & Works :

#14/A, Shanthipura Road, Electronic City, Phase II  
BANGALORE-560 100. INDIA.  
Phone: +91-80-30282020/35/36  
E-mail: [marketing@synthesis-winding.com](mailto:marketing@synthesis-winding.com)  
[www.synthesis-winding.com](http://www.synthesis-winding.com)

### Regional Office (West) :

#12, Symphony C, Range Hills Road  
(Off Ganesh Kind Road),  
PUNE - 411 020. Maharashtra.  
Phone: +91-20-25560661  
E-mail: [marketing@synthesis-winding.com](mailto:marketing@synthesis-winding.com)

### Regional Office (North India) :

UG-11, Ansal Imperial Tower, C-Block  
Naraina Vihar, Community Centre  
NEW DELHI - 110 028.  
Phone: +91-11-41530848  
E-mail: [marketing@synthesis-winding.com](mailto:marketing@synthesis-winding.com)