

**HOT STAMPING MACHINE**

**Navitas**

*~ Suitable for cylinder, oval, square and rectangle shape ~*

# RAS-100

**Roll Type  
Heat Transfer Machine**

- ◆ MAX Transfer size : 80 mm ----- transfer roll size : (Dia)100mm (L)100mm
- ◆ Possible for strong adhesion by high stamping pressure
- ◆ Possible for the setting of transfer speed by inputting the point of work shapes
- ◆ Holding the edge is unnecessary by adopting vacuum jig.
- ◆ Possible for adjusting back tension at 8 stages by touch panel  
----- possible for tracing more complicated design.



## SPECIFICATION

1. Work Shape and Size	Square ---- Max: one side 80mm sq. / height 85mm Min : one side 15mm sq.
	Rectangle / Oval --- Max : 80mm x 40mm, / height 85mm Min : 30mm x 15mm
	Cylinder --- dia.:110mm, length:85mm
2. Thermal transfer section	
① Stamping system	Rotating jig vertical drive by air servo mechanism
② Rotating jigs	Tracing mechanism : Air cylinder drive ( Air servo mechanism) Rotational drive system : AC servo motor
③ Max transfer speed	Work dia. 80mm : 150mm /sec Work dia. 15mm : 75mm / sec
④ Transfer roll size	(Dia.) 100 mm (max length) 100 mm
⑤ Heater	Far infrared 230V 250W 6 pcs
⑥ Temperature control	Electronic temperature control
⑦ Temperature sensor	Infrared noncontact temperature sensor
3. Foil Feeder Unit	
⑧ Foil feeding system	AC motor driven ( inverter-controlled ) Capable of selecting photo switch and timer control
⑨ Foil feeding adjustment	Auto foil tension control ( PWM control)
⑩ Foil feeding speed	Max 150mm / sec
⑪ Foil size	Max width : 120 mm ** Inner dia. of paper tube : 1 inch or 3 inch
4. Accessary	Stamping roll burnout-protection circuit.
5. Power supply	3-phase 200V 50/60Hz approx.3.0kW
6. Air source	approx.4.4N L / cycle ( @ 0.5MPa air pressure )
7. Machine dimensions	(W) 925 mm (D) 710 mm (H) 1,635 mm
8. Weight	Approx. 400 kgf

## OPTION

◇ Side plate for 1 inch foil ( spring mechanism)	◇ Tracing mechanism by template
◇ Blow unit	◇ Rotational receiving jig
◇ Edge holding unit	



ナビタス株式会社のみ認証取得

**Navitas** NAVITAS CO.,LTD.

9-1 ISHIZUKITAMACHI, SAKAI-KU, SAKAI,  
OSAKA 590-0823 JAPAN  
Tel : +81-72-243-1122 / Fax : +81-72-245-2555  
Web : <http://www.navitas.co.jp/>