

SINCE **TONGDA** 1952

Create a better life

SHANGDONG TONGDA TEXTILE MACHINERY (GROUP) CO. LTD



ROTOR SPINNING MACHINE

MODEL : HJF 1603

Technical Specification: With (24x2=48 rotor)

Standard machine, consist of head- and tailstock, tube loader unifeed, steplessly adjustable changing positions, 1 rotor spinning position with self cleaning.

Rotor drive with 30 kw motor (total installed motor for commercial machine)

Winding Roller drive with 5.5 kw motors

feed drive with 5.5 kw motors

Cylinder bobbins

Sliver guide 10 mm

Channel insert 31

Pressure roller with grey coats

Can height up to 1070 mm

Package length 125-155 mm and edge shifting motion 0-30mm, sleeplessly variable stroke gear box, winding helix angle 30⁰-40⁰ settable in 1⁰ steps roboter without yarn end placement.

Additional cleaning head/clearer central unit for all systems per machine yarn

clearer with capacitive sensor

Exhaust air downwards into air ducts.

Technical Specification:

Gauge	200
Number of Units	48 (2x24)
Rotor Speed (rpm)	30000-75000
Rotor Dia.	43/ 54/ 66
Combing Roller Speed (rpm)	5200/ 6200/ 6700/ 7200/ 7700/8200
Drafting Ratio	35-230.5
Sliver Count	0.2-0.45 Nm (5000-2200 tex)
Take-up Speed (m/min)	20-116.7
Can Dimension	250x900/ 300x900/ 350x900 mm
Tube Dimension	68x62x170 (3° 30' taper tube) 56x50x170 (cylinder tube)
Rotor Driving	2x11
Combing Roller Driving	2x4.5
Fan for Impurity Discharge	1x4
Conveyer Belt Driving	1x0.4 (with reducer)
Gear Box Driving	2x1.5 (drawing)+2x0.75 (feeding)