



Technical data of TDB-25A

Description.....

suitable material		PP,PE
capacity(Max)	liters	30
extruding motor power	Kw	30
dry cycle time	second	6
total consumption	Kg/hr	63.7
average consumption	tons	22.6
extruding capacity	Kg/hr	100
weight of machine	tons	11.5
machine size(LxWxH)	mm	4.2×2.2×3.3

Extruding unit.....

screw diameter	mm	80
screw L/D		25
screw material		38CrMoA1A
screw treatment		nitrogen treatment
screw hardness		HV 800
barrel material		38CrMoA1A
barrel treatment		nitrogen treatment
barrel hardness		HV 900
driving method		inverter motor and hard-teeth face gear box
driving power	Kw	30
rotate speed	rpm	10~80
plasticizing capacity	Kg/hr	100
temperature controlling method		PLC module for temperature controlling from Japan
heating method		Al-casting heating ring with insulating layer and stainless steel cover
temperature control precision		±0.5%
heating Power	Kw	3 5.2
heating zones		4
cooling for barrel		4 blowers

blower power	w	120
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Accumulator diehead.....

structure		FIFO vertical structure, easy to change color
runner		rotate runner , overcome weld line of parision, decrease internal stress of the part.
accumulator volume	liters	4
heating method		stainless steel heating band
heating power	Kw	3 6.5
heating zones		4
material		38CrMoAIA,42CrMoV,35CrMo
internal treatment		inner mirror
temperature controlling		PLC module for temperature controlling from MITSUBISHI Japan
dimension of core and mandral		dependent on the article
die diameter scope	mm	60-320

Clamping unit.....

2 tiebars and both directions and synchronous clamping unit, high speed, large clamping for

clamping force	KN	180KN
platen distance	mm	350~780
mould thickness scope	mm	350~400
max. Mould dimension(w*h)	mm	600x700

Parison thickness controlling unit.....

manufacturer		Moog Japan
servo vavle		Moog Japan
driving power	Kw	4Kw
controller points		30
control stroke	mm	25mm

Hydraulic system.....

proportional controlling system with YUKEN or VIECKERS, low noise, energy saved, high speed, stable and long life;

working pressure	140
pump maker	
vavle maker	YUKEN
tank capacity	
oil cooler	

Control system.....

This machine is available for large plastics container , of designed optimizely , of fully automatically, of high speed and integrated by mechanic and electric and hydraulic.

This system uses PLC from MITSUBISHI Japan, with human-machine interface control from HITECH Taiwan

other parts	Fuji,Omron,scherider
thermo couple	k

Blow unit.....

blow pin up-down moving method	down -up
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Utilities.....

power resource	three phrases an four lines,380V/50HZ
air compressor	pressure 8kg/cm2,flow 0.8 m3/min
cooling water	temperature 5~10 ,flow 18T/h

Our company has right to revise the above technical data. No notify when revising.