



Technical data of angel TDLII-1L

Description.....

suitable material		PP,PE,PVC,PETG,etc
diehead number		1(2,3 to choose)
stations		double
capacity(Max)	liters	1
extruding motor power	KW	11
dry cycle time	s	3
total consumption	KW	22.8
average consumption	KW	10.5Kw
extruding capacity	Kg/hr	40
weight of machine	tons	1.8
machine size(LxWxH)	m	2.4×1.5×2.2

Extruding unit.....

screw diameter	mm	50
screw L/D		22
screw material		38CrMoAIA
screw treatment		nitrogen treatment
screw hardness		HV 800
barrel material		38CrMoAIA
barrel treatment		nitrogen treatment
barrel hardness		HV 900
driving method		inverter motor and hard-teeth face gear box
driving power	Kw	11
rotate speed	rpm	10~90
plastisizing capacity	Kg/hr	40
temperature controlling method		PLC module for temperature controlling from Japan
heating method		AI-casting heating ring with insulating layer and stainless steel cover
temperature control pricision		±0.5%

heating Power	Kw	3	1.8
heating zones			3
cooling for barrel			3 blowers
blower power	w		120

continuous diehead.....

structure		continuous, centre feeding	
heating method		stainless steel heating band	
heating power	Kw	3	1.6
heating zones			3
material		38CrMoAIA,42CrMoV,35CrMo,etc	
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		10-55

Clamping unit.....

large arm and joint operation type clamping unit(patent applied), with large and average clamping force, high closing speed

clamping force	KN		20
platen distance	mm		100-250
mould thickness scope	mm		100-150
max. Mould dimension(w*h)	mm		180-230

Parison thickness controlling unit(for choose).....

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

Hydraulic system.....

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

working pressure	Kg/m2	100
pump maker		Denison
vavle maker		YUKEN
oil cooler		from Taiwan

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

parison cutter.....

hot cutter		or cool cutter
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Blow unit.....

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

power resource		three phrases an four lines,380V/50HZ
air compressor		pressure 6kg/cm2,flow 0.4 m3/min
cooling water		temperature 5-10 ,flow 6T/h

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