



**SHIBAURA MACHINE INDIA PRIVATE LIMITED**  
(formerly TOSHIBA MACHINE (CHENNAI) PRIVATE LIMITED)

Ref: SMI/IMM/NRO/094.017/21-22

02 July 2021

**SHREE KRISHNA AUTO INDUSTRIES**  
NARSINGHPUR, GURGAON - 122001

Dear Sir,

With reference to the discussions we had with you regarding your requirement of Injection Moulding Machine, we are pleased to furnish our very special offer for **TD 150 & 180 Ton, Closed Loop Injection Molding Machine.**

**Special Price For Shibaura Machine's TD (Induction motor & Variable pump ) Series Five point double Toggle Clamping Machine with VCON control:-**

Parameters \ Machine Model	TD 150	TD 180
Control	VCon	VCon
<b>Machine Tonnage</b>	<b>150</b>	<b>180</b>
Min/Max Mould Height* (mm)	200/550	200/550
Mould Open stroke (mm)	450	450
Max Daylight (mm)	1000	1000
Platen Size (mm)	720 x 720	720 x 720
Tie rod distance (mm)	510 x 510	500 x 500
Ejector force (kN)/stroke (mm)	49/ 160	49/ 160
<b>Injection Unit frame</b>	<b>900 C</b>	<b>900 C</b>
Screw dia (mm.)	60	60
Max shot wt in PS (gms)	579	579
Max Injection Pressure (bar)	1404	1404
Plastcising rate gms/sec	43	43
Rate of injection (cc/sec) in PS	228	228
Heater Load (KW)	24.3	24.3
<b>Pump unit (KW) (Induction Motor)</b>	30	30
<b>Price (Basic M/c ex-work),Chennai,</b>	<b>Rs. 36,25,000/-</b>	<b>Rs. 36,25,000/-</b>
<b>Special Price (Basic M/c ex-work)</b>	<b>Rs. 27,50,000/-</b>	<b>Rs. 28,25,000/-</b>
<b>Dispatch Schedule from PO &amp; Advance</b>	<b>12-14 WEEKS</b>	<b>12-14 WEEKS</b>



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**Price Including below Features:**

1. Special DBG Profile screw with chrome plated (Japan Design)	-	Included
2. Higher Ejection force(For Medical application)	-	Included
3. SS Water Manifold 8 in/out	-	Included
4. Multi-point ejector plate with Rods as per Euromap.	-	Included
5. Central ejector road	-	Included
6. Help Menu	-	Included
7. Automatic mould height adjustment through proximity switch	-	Included
8. Anti-vibration Pad	-	Included
9. Tool Kit	-	Included
10. Magnetic Grill	-	Included
11. Interface for Ejector Back Sensing	-	Included
12. Pneumatic ejector with FRL 1 No.	-	Included
13. Sliding type hopper mechanism	-	Included
14. SS Discharge Chute	-	Included
15. Electrical outlets – 1 x 16 amp (3 Ph), 1 x 10 amp (1 Ph)	-	Included
16. Programmable input/output – 2 no. each	-	Included

**Spares:-** Nozzle Heater, Thermocouple, SSR, Limit switch, Filter element, Nozzle tip, Control card 1no.

**Standard features/accessories with above machine:-**

- Computer optimised 5-point twin toggle clamping mechanism
- Sun gear system for mould height adjustment
- Injection speed & hold on pressure profiling – 10 stages each
- Screw speed & back pressure profile in 4 stage each control from IBED
- Moving platen support on machine bed through roller bearing
- Auto lubrication with electrical monitoring
- Close loop clamp force control in every cycle
- Clamp force indication in actual every cycle on IBED
- Multi-microprocessor VCON control system with modular construction
- 12.1: TFT touch screen
- USB ports for data up/down loading
- PID temp control for barrel heating with feed throat temp control
- Oil preheating circuit by kinetic energy (not by thermal heating)
- Oil low level alarm & oil temp low & high control (alarm - also m/c stops in case of deviation)
- 5 level password facility



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- Mechanical drop bar for additional safety as std.

### Terms & Conditions

#### 1. Price Terms:

The above prices are ex-our Chennai works. IGST @ 18% , transportation are extra at actual. Transit insurance to be arranged by you. Taxes and duties will be charged as applicable at the time of dispatch.

#### 2. Packing Charges: Inclusive in the basic value for SKID Packing.

#### 3. Dispatch Schedule:

12 to 14 Weeks from the date of mutually accepted Technical & Commercial clear PO along with 30% advance.

SMI is committed to above mentioned delivery & if there is delay in lifting the machine from buyer's side, an interest @ 18 % per annum for the number of days delayed will be charged. Buyer is requested to confirm the acceptance to this in Purchase Order.

#### 4. Payment Terms:

30% advance as Security deposit (Non-refundable) along with your order and balance 70% + Taxes and duties against Proforma Invoice prior to dispatch from factory. All the payments to be made in favour of **M/s.**

#### **Shibaura Machine India Private Limited**

The Advance Payment paid against Order shall not accrue any interest. We shall have the right to adjust such advances against any payment which might become due because of delay in the ordered equipment or because of any incidental expenses we may incur on your behalf. The advance shall be forfeited in case of any request for cancellation of the order is accepted by us.

Payments delayed by buyer beyond due date shall attract 18% p.a or the prevailing bank rate, whichever is higher

#### 5. Installation & Commissioning and Training:

Supervision of Installation and Commissioning will be the responsibility of SMI Service Engineers and it will be done on FOC. All Civil, Electrical & Plumbing works will be in buyer's scope.

Training for the operational people will be provided on-site at the time of Commissioning of the machine. This will be on FOC basis.

#### 6. Warranty Clause:

13 months from the date dispatch or 12 months from date installation whichever is earlier.

SMI exclusively warrants these products to be free from defects in materials and workmanship under normal operating conditions for the above mentioned period. Buyer's exclusive remedy is limited to repair or replacement of non-conforming parts at the original point of delivery. This warranty does not cover repair or replacement due to normal wear or routine maintenance.

#### 7. Freight & Insurance:

Transportation charges and Transit Insurance from Chennai to your place will be extra, to be paid by you.

The Goods may be dispatched in one or separate lots at our option. If we are required to dispatch the goods on your behalf we can arrange to do so by road transport to a destination named by you, on freight To – Pay basis, on the understanding that no liability is attracted to us. The freight charges contacted by us on your behalf will be treated as negotiated under your authority and shall therefore be final.



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Our responsibility for safety of equipment will cease as soon as the equipment in good condition is handed over to the carrier at contracted point of delivery which is our factory, unless otherwise specifically agreed by us in writing. It will be the responsibility of the consignee to check the consignment on receipt and in case of any apparent damage, to obtain open delivery from the carrier and lodge and settle claims with carriers and underwriters. Our payments cannot be withheld on this account nor be delayed pending settlement of your claims. We shall be glad to supply replacements or carryout repairs expeditiously to make good the loss or damage on payment of our normal price for replacements and charges for repairs at mutually agreed terms. Demurrage if any will be borne by you.

**8. Inspection:**

Manufacturer's inspection before dispatch shall be final. Any inspection by the customer or their approved authority will be carried out at our works, prior to dispatch, if stipulated so in the Purchase order.

**9. Order to be placed in favour of :-**

M/s Shibaura Machine India Private Limited,  
Post Bag No.5, Off Bangalore Chennai Highway,  
Chembarambakkam, Chennai - 600 123, Tamil Nadu

**10. Validity of Quote:**

15 days from the date of quotation thereafter subject to confirmation from our end.  
Trust the above offer is in line with your purchase proposal and please feel free to contact us for further discussions/clarifications, if any.

Thanking you and assuring you of our best services, at all times, we remain.

For **Shibaura Machine India Pvt Limited,**

(Biraj Senapati)

SMI – New Delhi