

Equipment Name & Model No. : HOT BATH DE-WAX SYSTEM B W De-wax

Application:

The hot bath De-wax technique is a good shell de-waxing technique. The shells are dipped into **boiling - wax** bath or **boiling - water** bath to heat it and melt out the wax.

Specifications and Salient Features:

- Size : 1200 mm (L) x 600 mm (W) x 2500 mm (H)
- Capacity : Two baskets are provided each of approx 325 mm (W) X 325 mm (D) X 400 mm (H), designed to hold 2 shells at a time. A total capacity of 4 shells per batch.
- M O C : All wetted parts are of SS - 304. Others MS
- Construction : A sturdy SS tank is provided with an MS hot-air jacket. Proper Ceramic wool insulation is provided. The insulation is clad with SS sheets & the machine mounted on four rigid legs on anti-corrosive Polypropylene height adjustable bushes.
- Basket handling : A pneumatic cylinder mounted on a swivel arm is used to load the baskets into the de-wax tank. The turning angle of the swivel arm allows the baskets to be handled well away from the hot de-wax bath. A singular rigid boom of MS pipe construction supports the swivel arm.
- Wax collection : An in built 30 Lt vessel is provided for collection of wax removed from the shells. The wax here is held at de-wax temperature to enable easy tapping from the bottom drain provided.
- Heat source : Piped Natural gas Burners are provided below the SS tank so that the jacket is filled with hot air and the water in the tank is uniformly heated. A proper outlet port is provided to allow escape of the flue gasses from the hot zone.
- Feature : The entire tank is also provided with suitable SS covers to minimise heat loss due to evaporation.
- Controls : Gas shut-off valves are provided to enable the control of the burners. The valves are ergonomically located. Burner ignition is manual

