

# ULTRASONIC VAPOR DE-GREASING UNIT



Our Vapour de-greasing equipment designed to meet the needs of most precision cleaning applications in the sectors like industrial parts manufactures. Aero space, Precision automotive Parts, heavy vehicle workshops, Coils & Maintenance units of engine rebuilding units here liquid solvent is a heated to a vapor is cooled, dirt and contaminates are washed from the parts as the vaporized solvent condenses and is drained back into the liquid solvent solution.

Model No.	Equipment Size	Heater Kw
UHPL / VD / 1200	1300 mm x 850 x 1400 mm	1 Kw



**ULTRAMAX HYDROJET PVT. LTD.**

## MAJOR PARAMETERS OF THE VAPOUR DE-GREASING UNIT

ULTRASONIC CLEANING CHAMBER	VAPOUR CHAMBER
<b>Tank Material:</b> The tank is made up of Stainless-steel SS 304 with Mirror finishing in which the sharp corners are done with surface preparation	<b>Tank Material:</b> The tank is made up of Stainless-steel SS 304 with Mirror finishing in which the sharp corners are done with surface preparation in which the sharp corners are done with surface preparation
<b>Tank Capacity:</b> 45- 50 Ltrs (Can be customized suitably as per client requirement)	<b>Tank Capacity:</b> 20- 30 Ltrs (Can be customized suitably as per client requirement)
<b>Basket Size:</b> 450 x 450 x 300 mm (L x W x H). Can be customized suitably	<b>Basket Size:</b> 450 x 450 x 550 mm (L x W x H). Can be customized suitably
<b>Ultrasonic System:</b> 1000 Watts – 2000 Watts with frequency of 37- 40KHz. The ultrasonic transducer will be PZT type which will be mounted on bottom of tank	<b>Overflow:</b> Overflow protection is provided
<b>Float Switch:</b> There will be SS float level indicator to see the level of the tanks to protect the transducers. The operating temperature will be 60 -65 degrees which can be adjustable	<b>Float Switch:</b> There will be SS float level indicator to see the level of the tanks to protect the transducers. The operating temperature will be 85-90 degrees & it can be adjustable
<b>Condensing cooling coils:</b> There will be a cooling coil provided for trapping the fumes with inlet & outlet connections. The diameter of coils will be of ¾" with 4 to 6 turns	<b>Condensing cooling coils:</b> There will be a cooling coil provided for trapping the fumes with inlet & outlet connections. The diameter of coils will be of ¾" with 4 to 6 turns
<b>Water Separator:</b> The water separator is provided to recollect the fumes and also to separate solvent and water	<b>Water Separator:</b> The water separator is provided to recollect the fumes and also to separate solvent and water
<b>Insulation:</b> Insulation is done to avoid heat losses	<b>Insulation:</b> Insulation is done to avoid heat losses
<b>Lid:</b> Suitable hinges with lid is provided	<b>Lid:</b> Suitable hinges with lid is provided
<b>Cleaning Media :</b> Trichloro Ethylene (or) suitable compatible media is preferable	<b>Cleaning Media:</b> Trichloro Ethylene (or) suitable compatible media is preferable
<b>Inlet &amp; Drain:</b> The inlet will of ½" BSP with Nipple connection whereas the drain shall be ½" BSP with ball valve	<b>Inlet &amp; Drain:</b> The inlet will of ½" BSP with Nipple connection whereas the drain shall be ½" BSP with ball valve

### ULTRAMAX HYDROJET PVT. LTD.

AN ISO 9001:2015 COMPANY

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