

## MAIN FEATURES OF BOTTLE WASHER

1	MACHINE BODY IS MADE OUT OF 8 MM THICK AND BOTTOM IS MADE OF 10 MM THICK BOILER GRADE WELDED M.S.SHEET.
2	EXTRA THICK FRONT AND REAR TRACKS.
3	STAINLESS STEEL CONSTRUCTION IN WATER LINE, SPRAY PIPES IN UPPER TANKS, NOZZLES, AIR LINE AND WINDOW PANES.
4	THE BOTTLES TO BE CLEANED ARE SOAKED IN PRE-SOAKING ZONE PRIOR TO DIPPED IN MAIN SOAKING ZONE, THE LOOSE DIRT AND OTHER PARTICLES ARE RINSED OUT IN THIS ZONE.THIS PREVENTS CONTAMINATION OF THE MAIN SOAK
5	CHAIN TYPE INFEED TABLE FOR AUTOMATIC FEED OF BOTLLES IN TO THE LOADING DRUM.
6	EXTRA HEAVY DUTY WORM REDUCTION GEARED BOX IS USED IN MAIN DRIVE
7	ALL PUMPS ARE HORIZONTAL MOUNTING TYPE WITH DETACHABLE ARRANGEMENT FOR EASY MAINTENANCE.
8	HARDENED AND TAMPERED STEEL PINS AND BUSHES FOR MAIN CARRIER CHAIN.

9	GALVANISED BOTTLE CARRIERS TO PREVENT FROM RUST FORMING.
10	TWIN AUTOMATIC LABLE FLUSHING AND LABLE REMOVERS.
11	THE TEMPERATURE IS MAINTAINED BY DIGITAL TEMPERATURE CONTROLLER AND TEMPERATURE OF THE LYE BATH ARE DISPLAYED IN CONTROLLER. STEAM INLET TO THE TANKS CONTROLLED AUTOMATICALLY BY SOLENOID VALVE & AIR OPERATED VALVES.
12	PROVISION FOR FILTRATION OF USED CAUSTIC FOR RE-CYCLE.
13	MAINTENANCE FREE TRACKING ROLLERS FITTED WITH ROLLER BEARING WITH WATER PROOFING SEAL.
14	MAIN DRIVE MOTOR IS CONTROLLED BY VARIABLE FREQUENCY A.C.DRIVE TO ENSURE MAXIMUM EFFICIENCY THROUGH WORM REDUCTION GEAR.
15	THE FAULTS AND FAILURES ARE INDICATED IN FAULT ANNUNCIATOR BOARD IN OPERATOR PANEL.
16	FRESH WATER SPRAY IN MACHINE IS CONTROLLED BY AIR OPERATED VALVE AND SENSOR SYSTEM. THIS SYSTEM MINIMISES WATER CONSUMPTION.

## TECHNICAL DATA

MODEL	QWM 250P
TYPE	SINGLE END LOADING & UNLOADING HYDRO DOUBLE SOAKING.
RATED CAPACITY	15000 BPH (650ML / 325ML)
ADJUSTABLE RANGE	5000 TO 15000 BPH.
MAIN DRIVE	WORM GEAR REDUCTION GEAR BOX DRIVEN BY VARIABLE FREQUENCY CONTROLLED AC DRIVE. 3 Ph,415V 5.5KW, 7.5 HP.
BOTTLE SIZE	Dia : Max. -80 MM, Min. – 50 MM Height : Max. - 335MM, Min. – 160MM
POWER SUPPLY & CONSUMPTION	3 PHASE , 415V, 50 HZ. CONSUMPTION : 45 KW.

STEAM CONSUMPTION	800 KG/ Hr AT 3.5 KG/SQ.CM PRESSURE
WATER CONSUMPTION	3 CU.MTR / Hr AT 2.0 KG /SQ.CM
COMPRESSED AIR CONSUMPTION	25 Nm3/Hr.
MACHINE WEIGHT	NORMAL : 24 TONS. (Empty Tanks) SERVICE CONDIOTION : 42 TONS.
DIMENSION	LENGTH - 12.2 Mtr.,WIDTH – 2.7Mtrs. HEIGHT - 2.7 Mtrs.
TREATMENT CYCLE:	PRE-SOAKING MAIN SOAKING 85 DEGREE CELCIUS DETERGENT RINSING. 50 DEG. CEL. HOT WATER RINSING, ROOM TEMP. WATER RINSING, FRESH WATER RINSING.
TOTAL NO.OF BOTTLE CARRIER	175 CARRIERS/ 24 WIDE.

<b>BOTTLE CARRIER CHAIN PITCH</b>	<b>160 MM</b>
<b>DUMPS PER MINUTE</b>	<b>10.5</b>
<b>SOAKING TIME</b>	<b>8 MINUTES @ 250 BPM</b>
<b>CAUSTIC TREATMENT TIME</b>	<b>11 MINUTES @ 250 BPM</b>
<b>TOTAL TREATMENT TIME</b>	<b>17 MINUTE @ 250 BPM</b>
<b>SPRAY PIPES DETAILS:</b>	<b>TOTAL NO.OF SPRAY PIPES- 41 NOS.</b>
<b>INTERNAL SPRAYS</b>	<b>27 NOS.</b>
<b>EXTERNAL SPRAYS</b>	<b>10 NOS</b>
<b>LABLE FLUSHING SPRAYS</b>	<b>4 NOS.</b>