

SINCE 1990

MARUTHI ENGINEERING ENTERPRISES

PEENYA, BANGALORE, INDIA



PACKING LINE MACHINERY

JACKETED VESSELS

SPARKLER FILTERS

CONVEYORS SYSTEMS

STORAGE AND BLENDING TANKS



Head Office & Works - Bangalore

HEAD OFFICE AND WORKS OF MARUTHI ENGINEERING ENTERPRISES IS PRIMELY LOCATED AT A-7, 1ST CROSS, 1ST STAGE, PEENYA INDUSTRIAL ESTATE, PEENYA, BANGALORE — 560058.

ABOUT US

STARTED IN THE YEAR 1990, BY MR.D.H.PATIL, AS A SMALL WORKSHOP IN PEENYA INDUSTRIAL ESTATE, THE ORGANIZATION HAS GROWN BOTH IN SIZE AND IT'S REACH ACROSS THE GLOBE WITH A 11,000 SQ FT AREA WORK FLOOR AND ITS DEDICATED WORK FORCE WHICH HAS BEEN ENSURING QUALITY AND TIMELY DELIVERY OF PRODUCTS AS PER CUSTOMER SPECIFICATIONS ENSURING THE GROWTH OF THE ORGANIZATION AND THE INDIVIDUALS ASSOCIATED WITH THE ORGANIZATION.

AWARDS AND RECOGNITION



Awards and Recognitions

Esteemed Clients



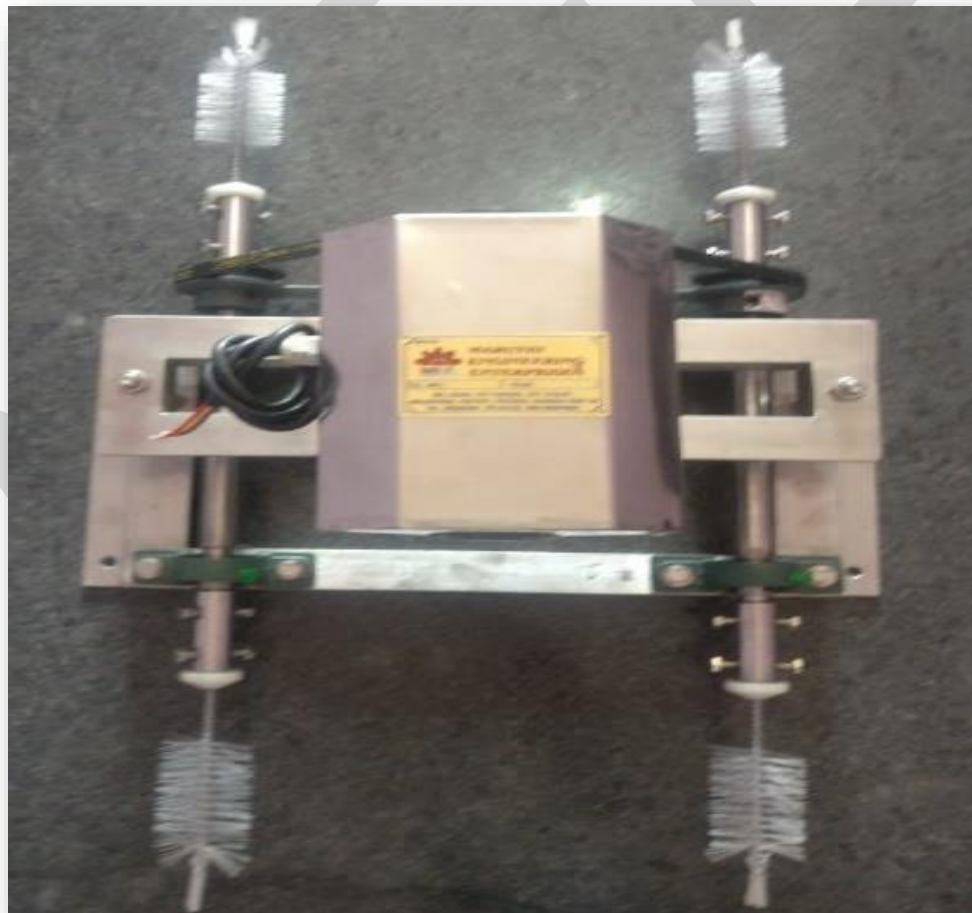
PRESENCE IN INDIA & WORLD

WE HAVE OUR PRESENCE IN MORE THAN 20 STATES OF INDIA WITH A DIVERSE CLIENT BASE OF MORE THEN 250 CLIENTS ACROSS INDIA AND SERVING 15 PLUS COUNTRIES SPREAD ACROSS NIGERIA, MALAYSIA, SRILANKA, MYANMAR, SAUDI ARABIA, NEPAL, IRAQ, ZAMBIA, ANGOLA, TANZANIA, GHANA AND MANY MORE.



4/8 HEAD BOTTLE BRUSHING UNIT

SHAFT	MADE OUT OF S.S 304
CHUCK NUT	MADE OUT OF S.S 304 FITTED WITH NYLON BUSH
BEARING	UCP 204 IMPORTED PILLOW BLOCK
MOTOR	1440 RPM 1 HP, 3 PHASE FOOT MOUNTING STANDARD MAKE
PULLEY	CI – VARIOUS SIZE
COVER	MADE OUT OF SS 304, 16 SWG SHEET
BELT	STANDARD MAKE
STARTER	1 HP DOL SIEMENS MAKE



96/64 JETS ROTARY BOTTLE RINSING MACHINE

A. DESIGNED TO CLEAN VARIOUS SIZES OF BOTTLES RANGING FROM 60 ML UP-TO 1000 ML WITH HELP OF 96/64 NOS. RINSING JETS FOUR INTERNAL WASHES AND TWO EXTERNAL WASHES.

B. WASHES CAN BE RECYCLED BY MEANS OF TROUGHS & TANKS PROVIDED ALONG WITH THE MACHINE.

BODY	MADE OUT OF S.S. 304 SHEET, ANGLE & RODS.
TANK	SERVICE TANK 2NOS. MADE OUT OF S.S. 304 16 SWG SHEET.
PUMP	SS CENTRIFUGAL PUMP 3HP 3000 RPM.
VALVE	3/8 BSP S.S. 304, IC MAKE.
FILTERS	SQUARE FILTER 2 NOS. FOR THE SERVICE TANK 60 MICRON & ROUND FILTER 2 NOS. FOR SECTION, 40 MICRON.
PRESSURE	2.7 KG.
PRESSURE GAUGE	4" DIA GLYCERIN FILLED PRESSURE GAUGE S.S.
OPERATION	MANUAL LOADING AND UNLOADING OF BOTTLES.
MOTOR	1000 RPM, 1HP STANDARD MAKE.
GEAR BOX	GREAVES MAKE A-237, 40:1.
PANEL	MADE OUT OF MS MATERIAL & POWDER COATED, IT CONSISTS OF TWO 3 HP STARTERS FOR TWO PUMPS AND ONE 1 HP STARTER FOR DRIVE MOTOR RCCBO AND ALL STANDARD ELECTRICAL WIRING AND DIAGRAM. IT CONSISTS OF RCCBO, EMERGENCY STOP, PANEL COVERING WITH POLYCARBONATE SHEET TO AVOID CONTACT AND DOUBLE EARTHING IN THE PANEL.
SPEED	VARIABLE WITH 2 SPEED PULLEY.



8 HEAD VACUUM FILLING MACHINE

8 HEAD VACUUM FILLING MACHINE DESIGNED TO FILL ANY KIND OF FREE FLOWING LIQUIDS SUITABLE TO FILL DIFFERENCE SIZE AND SHAPE CONTAINERS.

BODY	MADE OUT OF S.S. 304 10 SWG SHEETS
STAND	MADE OUT OF 32 DIA 10 SWG S.S. 304 PIPES.
HEADS	MADE OUT OF 304 S.S. RODS
NOZZLES	MADE OUT OF NYLON FOOD GRADE MATERIAL.
OVER FLOW JAR	30 LITERS CAPACITY 2 NOS. MADE OUT OF SS 304 SHEETS.
SERVICE TANK	200 LITERS CAPACITY WITH 1" FLOW OUT VALVE ALONG WITH 4" HEIGHT ADJUSTABLE STAND WITH S.S. RODS & BOLTS,
DRIPPING TRAY	MADE OUT OF S.S. 304 16 SWG SHEET WITH DRAINAGE NIPPLE IN THE BOTTOM
VACUUM GAUGE	4"DIA GLYCERIN FILLED
HOSE PIPE	BRADED HOSE PIPE.
VALVE	1" BUTTERFLY S.S. VALVE 2 NOS.
PUMPS	LV 300-ACMEVAC MAKE.
MOTOR	1HP 1440 RPM 3 PHASE STANDARD MAKE.
STARTER	DOL STARTER STANDARD MAKE
WHEELS	3" NYLON WHEEL FOR EASY MOVEMENT IN THE BOTTOM.



MAGNIFYING GLASS



CRYLIC DOOM SS STAND	17" DIA MADE OUT OF SS 304, 12 SWG 32 & 28 DIA PIPE WITH SS FRAME FOR BOTTOM SUPPORT, MADE OUT OF 40X40X5 'L' ANGLE WITH ADJUSTABLE HEIGHT UP – TO 40"
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500LTRS SS SERVICE TANK WITH SS STAND

CAPACITY	525 LTRS
DESCRIPTION	FLAT TOP WITH 1/3 OPEN LID BOTTOM CONICAL WELDED TO THE SHELL.
MATERIAL GRADE	S.S 304
SIZE	955MM DIA 750MM HEIGHT + HEIGHT 1800 MM LEGS
THICKNESS	OVERALL 1.6MM
PROVISIONS	1" DIA OUTLET AND OUTLET
FINISH	MIRROR POLISH OUTSIDE SURFACE
STAND	SS 304 STAND MADE OUT OF 50 DIA PIPE ALONG WITH 4 X 2 MOVEABLE WHEELS IN THE BOTTOM STAND HEIGHT 5 FEET FROM THE GROUND LEVEL



SEMI AUTOMATIC MOTORIZED ROPP CAP SEALING MACHINE WITH 4 PIN

DESIGNED TO SEAL A WIDE RANGE OF BOTTLES, CONTAINERS MADE OF GLASS, PET, H.D.P.E AND ALUMINUM WITH STANDARD R.O.P.P. CAPS.

CAPS	CAN ACCOMMODATE STANDARD CAPS FROM 22 MM UP-TO 63MM
HEAD SET	PROVIDED WITH A ROTARY HEAD SETS 4 PIN
OPERATION	CAPS TO BE PLACED MANUALLY
BODY	CI & M.S FABRICATED
MOTOR	BONIFIGLIOLI MAKE GEARED MOTOR 54 RPM ½ HP
SPEED	DEPENDING UPON THE EFFICIENCY OF THE OPERATOR, 50 TO 54 BOTTLES PER MINUTE
STARTER	DOL STARTER SIEMENS MAKE



POST INSPECTION LAMP 1 ½ FEET X 4 FEET SQUARE BOX TYPE

**MADE OUT OF S.S 304 GRADE 16 SWG SHEET WITH 3 LED TUBE LIGHTS FITTING
STAND & S.S TRAY FITTED IN THE CHAIN CONVEYOR**



HAND OPERATED LABEL GUMMING MACHINE

A MOST VERSATILE MACHINE WHICH MAKES HAND LABELING CLEAN AND NEAT DESIGNED TO APPLY AND EVEN COAT OF ADHESIVE ON LABELS STACKED IN FRONT OF THE ROLLER AND HAND FEED FOR GUMMING. THE MACHINE CAN TAKE UP LABELS FOR ANY SHAPE. THE SIZE OF LABELS IS LIMITED TO THE SIZE OF ROLLER. THIS MACHINE IS OFFERED WITH 5" ROLLER.

MOTOR 1/8 HP SINGLE PHASE STANDARD MAKES WITH ON AND OFF SWITCH



TWIN TRACK CHAIN CONVEYOR

APPLICATION	CONVEYING / TRANSFERRING EMPTY/ FILLED BOTTLES/ CONTAINERS JARS
CONSTRUCTION	S.S. 304, 10 SWG CHANNELS.
RAILING	6 X 50 S.S. 304 FLAT COVERED WITH UHMWPE 'C' PROFILE
HEIGHT	815MM WITH 50MM ADJUSTABLE ARTICLE LEG PAD
SLOT CHAIN	S.S. 430, 10 SWG, 83MM WIDTH, (IMPORTED)
WEAR STRIP	UHMWPE (EXTRUDED PROFILE)
DRIPPING TRAY	MADE OUT OF SS 304, 18 SWG SHEET WITH COLLECTING DRUM
CABLE TRAY	MADE OUT OF SS 304, 18 SWG SHEET FULL LENGTH
GEAR MOTOR	2 HP, 36RPM, W 86 BONIFIGLIOLI MAKE WORM GEARED MOTOR
SPEED	VARIABLE IN SPEED WITH VFD.



BELT CONVEYOR

APPLICATION	PACKING OF EMPTY MONO CARTOONS CARTOON CRATES / BOX AT THE END OF PACKING LINE.
FRAME	MADE OUT OF 4MM MS SHEET WITH 'L' ANGLES COVERED WITH S.S. 304, 18SWG SHEET
TABLE	MADE OUT OF S.S. 304, 16 SWG SHEETS 12" WIDTH FULL LENGTH BOTH SIDE
BELT	9" WIDTH 5MM THICKNESS PU GREEN BELT.
DRIVE	MADE OUT OF 50X50X6 ANGLE COVERED WITH S.S. SHEET
HEIGHT	815MM WITH 50MM ADJUSTABLE ARTICLE LEG PAD.
SPEED	VARIABLE IN SPEED WITH VFD
GEAR MOTOR	1 HP, 36RPM BONIFIGLIOLI MAKE WORM GEARED MOTOR.



240LTRS LIQUOR REJECTION TANK

TANK	MADE OUT OF S.S. 304, 16SWG SHEET WITH FILTER & TOP LID
TANK SIZE	690MM DIA X 625MM HEIGHT WITH 200MM HEIGHT, 50DIA SS 304, 10SWG PIPE FOR LEGS
PROVISIONS	1" SS 304, IC MAKE BALL VALVE WITH HOSE NIPPLE
TOP LID	SS 304, 16SWG SHEET
FILTER	680MM DIA, 125MM DEPTH WITH 10MM HOLES PERFORATED SHEET FIXED WITH 40MICRON SS WIRE MESH ALONG WITH 670MM DIA, 20MM THICKNESS NYLON SHEET FOR BOTTLES WITH 32MM HOLES.
TRANSFER PUMP 1" SUCTION & DELIVERY SS 304 CENTRIFUGAL MONOBLOCK TRANSFER PUMP WITH 1HP, 3PHASE FLAME PROOF MOTOR REMI MAKE WITH 1HP 3PHASE FLAME PROOF STARTER.	
TROLLEY MADE OUT OF SS 304, 40X40X6 'L' ANGLE COVERED WITH SS 304, 16SWG SHEET ALONG WITH 4X2 MOVEABLE BREAK TYPE WHEELS 4 NOS.	
CARTRIDGE HOUSING	SS 304, 20" H, X 2 1/2" DIA WITH PRESSURE GAUGE & FITTINGS ACCESSORIES
CARTRIDGE	20" H, 5MICRON PP CARTRIDGE.



2HP SS TRANSFER PUMP WITH FLAME PROOF MOTOR, STARTER & TROLLEY.

SIZE	1 ½ "
PUMP	S.S. 304 CENTRIFUGAL.
IMPELLER	S.S. BLADES.
CAPACITY	5000 TO 6000 LITERS PER HOUR.
MOTOR	2HP 3000 RPM, 3 PHASE FLAME PROOF STANDARD MAKE
TROLLEY	MADE OUT OF S.S 304 50X50X6 L ANGLES COVERED WITH 16SWG SHEET.
STARTER	2HP FLAME PROOF STARTER
SHAFT	S.S. 304
SEAL	TC/TC
WORKING PRESSURE	DEPENDS ON THE SIZE AND HEAD OF THE PUMP.
WHEELS	4 X 2" NYLON WHEEL (BRAKE) FOR EASY MOVEMENT IN THE BOTTOM.



14" X 10 FILTER PRESS

MATERIAL OF CONSTRUCTION	S.S. 304
NO. OF PLATES	10 PLATES
PLATE DIA	14"
SUCTION & DELIVERY	1 ½"
HEIGHT OF PLATES	38MM
FILTRATION AREA	0.908 MM
CAKE HOLDING CAPACITY	28 LITER
TANK DIA	42 CM
OUT PUT	2500 TO 3500 LITER P/H FILTER
PUMP	1" CENTRIFUGAL
MOTOR	2 HP 2800 RPM FLAME PROOF STANDARD MAKE
MECHANICAL SEAL	TC/TC
STARTER	2 HP FLAME PROOF STARTER



SEMI AUTO CARTON BOX BOPP TAPPING M/C

CARTON SEALER ADJUSTABLE M/C WHICH IS PRE-SET AS PER SIZE OF CARTONS SEALS THE CARTON FROM BOTH TOP & BOTTOM BY BOPP TAPE ONLY ONE OPERATOR HIS REQUIRED TO CLOSE THE FLAPS OF CARTONS MANUALLY & PUSH THE CARTON FOR SEALING M/C HAS INBUILT GRAVITY ROLLERS AT THE ENDS FOR SMOOTH & EASY MOVEMENT OF CARTONS BEFORE & AFTER SEALING THE SEALING HEADS ARE CARRIED ON COLUMNS RAPID & PRECISE SETTINGS FOR THE SIZE CHANGE & GIVING MECHANICAL RIGIDITY.



2 FT IN FEED ROLLER CONVEYOR FOR BOX TAPPING MACHINE

HAVING PVC HEAVY DUTY 42DIA, 5MM THK PIPE WITH BOTH SIDES HAVING SEALED BALL BEARINGS ALONG WITH 16DIA SHAFT, FRAME SUPPORT STRUCTURE TO BE SS 304 SHEET.

SIZE: 850 MM WIDTH ON ONE SIDE AND 600 MM WIDTH ON OTHER SIDE X 600MM LENGTH AND STARTING HEIGHT OF 815MM AND END HEIGHT OF 610MM WITH 50MM ADJUSTABLE ARTICLE LEG PAD

2 FT OUT FEED ROLLER CONVEYOR FOR BOX TAPPING MACHINE

HAVING PVC HEAVY DUTY 42DIA, 5MM THK PIPE WITH BOTH SIDES HAVING SEALED BALL BEARINGS ALONG WITH 16DIA SHAFT, FRAME SUPPORT STRUCTURE TO BE SS 304 SHEET.

SIZE: 600 MM WIDTH 600MM LENGTH AND 610MM HEIGHT WITH 50MM ADJUSTABLE ARTICLE LEG PAD



ONLINE SINGLE TRACK GUALA CAP SEALING MACHINE WITH VFD

BODY	MADE OUT OF SS 304 MATERIAL.
BELT	6MM THK SANDWICH BELT (SUGAR BELT).
HEIGHT	ADJUSTABLE TO QUARTS, PINTS, NIPS.
IDLER PULLEY	MADE OUT OF NYLON WITH BEARINGS
BEARING	SKF MAKE.
GEAR BOX	0.5 HP, 3 PHASE BONIFIGLIOLI MAKE
VFD	FOR VARIABLE SPEED



HOLOGRAM APPLICATOR LABELLING MACHINE

SCOPE OF SUPPLY / TECHNICAL FEATURES:

1. LABEL DETAILS:

- LABEL MATERIAL: PAPER
- GAP BETWEEN TWO LABEL: 3 MM
- LABEL ROLL DIA: MAX. OD 250MM AND ID 76MM
- LABEL HEIGHT: MIN: 25MM, MAX: 100MM

2. MACHINE SPEED: UPTO 150 BPM

3. MACHINE ACCURACY: ± 2 MM

4. CONTROLLER: TYPE – STEPPER PLC

5. SPEED VARIATION: THROUGH PLC

6. POWER: 220V/50 HZ, SINGLE PHASE

7. PNEUMATIC: NOT REQUIRED



JACKETED VESSELS

SIZE	AS PER CUSTOMER REQUIREMENT.
MOC	SS 316 FOR ALL CONTACT PARTS, REST SS 304.
SHELL	SS 316, 3 MM THICKNESS.
SS JACKET	3MM THICKNESS.
SS INSULATION	2MM THICKNESS.
BOTTOM DISH END TYPE	3MM THK SS 316
TOP DISH END	3MM THK SS 316
SHELL DESIGN TEMPERATURE	1 TO 100 OC
SHELL WORKING TEMPERATURE	1 TO 80 OC
MAN HOLE	450 DIA WITH SIGHT GLASS AND DAVIT TYPE LID. SS ALL CONNECTION ON TOP AS PER REQUIREMENT WITH SS 316 SPRAY BALL WITH ALL TC LINE.
DISH TYPE BOTTOM OUTLET	1" FLUSH BOTTOM VALVE WITH TC END.
LEGS	3" DIA NB X 4 MM THK SS 304 QUALITY – 650 MM HEIGHT WITH SS PLATES.
PANEL BOARD	MADE OUT OF SS 304 ALONG WITH 1 HP VFD DELTA/ABB MAKE CONTROL PANEL WALL FITTED TYPE. INSIDE LADDER WITH SS 316 ROD. ALL VALVE INLET AND OUTLET WITH SAFETY VALVE, AIR VALVE, PG., AND SS MOC 316 QUALITY.
ELECTRICAL HEATERS	16 KV, 3 PHASE (2 KV X 8 NOS)
GEARBOX MOTOR	2 HP BOTTOM STIRRER MODEL WITH RPM 100 TO 1000 CONTROLLED BY VFD
FINISH	ELECTRO POLISH AND PASSIVATED.



ELEVATED CONVEYOR SYSTEMS

FRAME	MADE OUT OF SS 304/MS SHEET.
BOTTOM GUARDING	MADE OUT OF SS 304/MS SHEET.
BELT	MADE OUT OF PU GREEN MATERIAL WITH/WITHOUT CLEATS AS PER CUSTOMER REQUIREMENTS
LEGS	MADE OUT OF SS 304/MS TUBES ALONG WITH ARTICLE LEG PAD/WHEELS.
MOTOR	BONIFIGLIOLI MAKE GEARBOX MOTOR AS PER REQUIREMNT
SPEED	VARIABLE WITH VFD.
SIZE	AS PER CUSTOMER REQUIREMENT.
FINISH	SS POLISH / MS POWDER COATED.



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