



MOVED BY NATURE

ZM BOMBAS IS A BRAZILIAN INDUSTRY WITH 35 YEARS OF EXPERIENCE IN THE WATER PUMPING MARKET, OFFERING ITS CUSTOMERS SOLUTIONS FOR PUMPING WATER IN A SUSTAINABLE AND ECOLOGICAL WAY.



WATER OF GRACE BY THE FORCE OF WATER

WATER PUMPING BY WATER WHEEL



ZM PUMPS WITH WATER WHEEL: INSTALLATIONS PHOTOS



ZM PUMPS WITH WATER WHEEL: PRODUCTION



TABLE OF PRODUCTION OF ALL LINE OF PUMPS. CONSIDERING NORMAL COURSE OF WORK.

M.W.C - Meters of Water Column

ZM 44 Maxxi - The lightest of the market

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	5.200	7.840	10.400	13.000	130 m.w.c
Normal	4.300	6.400	8.600	10.800	150 m.w.c
A	3.400	5.100	6.900	8.600	170 m.w.c
B	2.600	3.900	5.200	6.400	190 m.w.c

Maximum height of propulsion : until 190 m.w.c

ZM 63 Maxxi - High flow for a low cost

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	17.300	25.900	34.600	43.300	100 m.w.c
Normal	14.500	21.800	29.100	36.400	110 m.w.c
A	12.700	19.100	25.500	31.900	120 m.w.c
B	10.900	16.400	21.800	27.300	130 m.w.c
C	9.000	13.600	18.200	22.700	140 m.w.c
D	6.300	9.500	12.700	15.900	150 m.w.c

Maximum height of propulsion: until 150 m.w.c

ZM 38 Maxxi - Best Height of pumping

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	6.230	9.340	12.460	15.570	200 m.w.c
Normal	5.250	7.800	10.500	13.000	220 m.w.c
A	4.500	6.880	9.000	11.400	240 m.w.c
B	3.900	5.800	7.800	9.800	260 m.w.c
C	3.200	4.900	6.500	8.200	280 m.w.c
D	2.200	3.400	4.500	5.700	300 m.w.c

Maximum height of propulsion: until 300 m.w.c

ZM 76 Maxxi - High flow in high heights

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	31.500	47.250	63.000	78.700	130 m.w.c
Normal	27.500	41.300	55.000	68.700	150 m.w.c
A	23.600	35.400	47.200	59.000	160 m.w.c
B	19.600	29.500	39.300	49.100	170 m.w.c
C	15.750	23.600	31.500	39.300	200 m.w.c

Maximum height of propulsion: until 200 m.w.c

ZM 51 Maxxi - Top of the Market/Leader of the Sales

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	10.600	16.000	21.000	26.600	140 m.w.c
Normal	9.000	13.300	18.000	22.200	160 m.w.c
A	8.000	11.700	15.600	20.000	170 m.w.c
B	6.800	10.000	13.700	17.000	180 m.w.c
C	5.700	8.300	11.200	14.000	190 m.w.c
D	3.600	5.800	7.800	10.000	200 m.w.c

Maximum height of propulsion: until 200 m.w.c

ZM 95 Maxxi - Best flow of the market

Production base on the RPM and the stroke of the pump					
Course	20 RPM	30 RPM	40 RPM	50 RPM	HEIGHT
Extra	48.900	73.400	97.800	-----	90 m.w.c
Normal	42.800	64.200	85.600	107.000	100 m.w.c
A	36.600	55.400	73.900	92.300	110 m.w.c
B	30.500	45.700	61.000	76.200	120 m.w.c
C	24.200	36.700	48.900	61.100	130 m.w.c

Maximum height of propulsion: until 130 m.w.c



TURBO PUMP ZM

35
ZM
YEARS

THE NEW CONCEPT IN WATER PUMPING

**WATER
PUMPING
WITH PELTON
WHEEL**



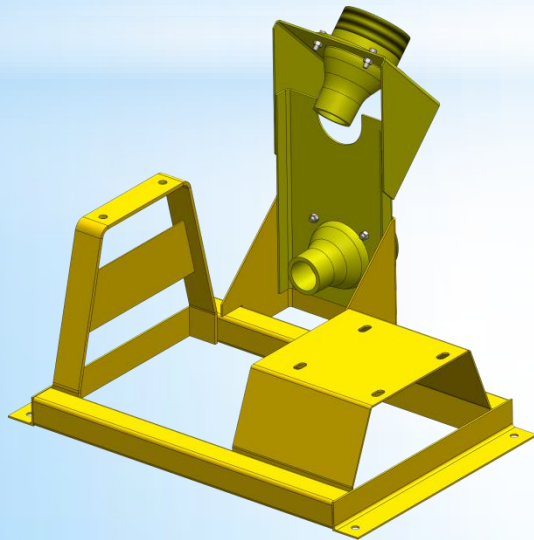
NEW RELEASE



- **VERSATILE SOLUTION IN WATER PUMPING;**
- **EASY INSTALLATIONS AND LOW MAINTENANCE WITH EXCELLENT RELATION COST/BENEFIT;**
- **DOES NOT REQUIRE ELECTRICAL;**
- **POWER IN OPERATION DRIVEN BY WATER FALL FROM 1,5 TO 8,0 METERS**

NEW RELEASE

TURBO PUMP ZM TB-44



WITH SECOND NOZZLE SUPPORT



TURBO PUMP ZM: INSTALLATIONS PHOTOS



DIMENSIONINGS



**MAKE IT HERE
DIMENSIONING OF
TURBO PUMP ZM TB-38**



**MAKE IT HERE
DIMENSIONING OF
TURBO PUMP ZM TB-44**

ZM WASHERS: HIGH AND MEDIUM PRESSURE

35
ZM
PUMPS
YEARS

**QUALITY,
EFFICIENCY
AND ECONOMY**



NEW RELEASE

MODEL 20 LITERS

Characteristics:

- *Flow: 20 Liters/minute;*
- *Pressure - psi (bar): 2000 (138);*
- *Engine power: 7,5 HP;*
- *Minimum input flow: 22 Liters/m;*
- *WEG motor;*
- *Ceramic pistons with hardened solid steel body in aluminum rod;*
- *Valves stainless steel;*
- *Power key on/of 20 amperes;*
- *10 meters hose;*
- *Works up to 12 continuous hours;*
- *Low maintenance.*



MODEL 45 LITERS

Characteristics:

- *Flow: 45 Liters/minute;*
- *Pressure - psi (bar): 500 (35);*
- *Engine power: 5 HP;*
- *Minimum input flow: 48 Liters/m;*
- *WEG motor;*
- *Ceramic pistons with hardened solid steel body in aluminum rod;*
- *Valves stainless steel;*
- *Power key on/of 20 amperes;*
- *10 meters hose;*
- *Works up to 12 continuous hours;*
- *Low maintenance.*



ZM WASHERS: HIGH AND MEDIUM PRESSURE

35
ZM
YEARS

MODEL 25 LITERS

Characteristics:

- *Flow: 25 Liters/minute;*
- *Pressure - psi (bar): 420 (29);*
- *Engine power: 2 HP;*
- *Minimum input flow: 28 Liters/m;*
- *WEG motor;*
- *Ceramic pistons with hardened solid steel body in aluminum rod;*
- *Valves stainless steel;*
- *Power key on/of 20 amperes;*
- *10 meters hose;*
- *Works up to 12 continuous hours;*
- *Low maintenance.*



MODEL 11 LITERS

Characteristics:

- *Flow: 11 Liters/minute;*
- *Pressão – psi (bar): 420 (29);*
- *Engine power: 1 HP;*
- *Minimum input flow: 15 Liters/m;*
- *WEG motor;*
- *Ceramic pistons with hardened solid steel body in aluminum rod;*
- *Valves stainless steel;*
- *Power key on/of 20 amperes;*
- *10 meters hose;*
- *Works up to 12 continuous hours;*
- *Low maintenance.*



NEBULIZER

35
ZM
YEARS

NEBULIZER ZM



**NEBULIZER ZM
IS A RIGHT INVESTMENT
FOCUSED ON PROFITABILITY.**



Applications:

- **Internal fogging system;**
- **External fogging system;**
- **Disinfecting Arch.**

Advantages:

- **Saving water;**
- **Energy Saving;**
- **Pleasant climate;**
- **Less wasted food;**
- **Lower mortality;**
- **Increased profitability.**



Technical Information:

- **Used in aviary with several measures;**
- **The driving power: 2 HP 3600 RPM;**
- **Flow from 500 to 1500 liters/hour;**
- **Working pressure: 200 PSI to 450 PSI;**
- **Pressure regulating valve with full flow;**
- **Ceramic piston and adjustable gaskets.**

**PROFITABILITY
FOR YOUR
CHICKEN AVIARY**



**NEW CHALLENGES AWAIT US
THANK YOU SO MUCH**