



# *Product Catalogue*

## LEO MAC 550 SMART BOOSTER PUMP



**INTRODUCING  
THE LEO MAC 550 INTELLIGENT  
PRESSURE BOOSTER SYSTEM**

**EXPERIENCE A NEW LEVEL OF CONVENIENCE WITH THE LEO  
MAC550. THIS INTELLIGENT SYSTEM CAN AUTOMATICALLY ADJUST  
ITS PERFORMANCE BASED ON WATER DEMAND, PROVIDING  
CONSISTENT PRESSURE TO ALL TAPS.**

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**APPLICATIONS**

**WATER SUPPLY AND  
PRESSURE BOOSTING  
FOR ALL DOMESTIC  
APPLICATION. GARDEN  
WATERING, BUILDING  
WATER SUPPLY AND  
AGRICULTURE**

**MULTIPLE PROTECTION**

**TO ENSURE LONGER SERVICE LIFE,  
SEVERAL PROTECTIVE FUNCTIONS ARE  
INCORPORATED. PRESSURE SETTLED  
PROTECTION, BLOCKING PROTECTION,  
LEAKAGE PROTECTION, NO-WATER  
PROTECTION, DRY-RUNNING  
PROTECTION, OVER-HEATING  
PROTECTION, OVER/UNDER-VOLTAGE  
PROTECTION.**

**ENERGY EFFICIENT & MONEY  
SAVING**

**PERMANENT MAGNET  
FREQUENCY-INVERTER  
MOTOR HELPS REDUCE  
POWER CONSUMPTION, CAN  
AUTOMATICALLY ADJUST  
RPM TO MATCH REQUIRED  
OUTLET WATER. HELPS TO  
REDUCE ENERGY BILLS.**

**LOW NOISE**

**SOUND LEVEL < 47DB(A) IN  
TYPICAL USE, THANKS TO  
WATER COOLED MOTOR.**

**VARIABLE SPEED**

**MAC 550 CAN ADJUST  
PERFORMANCE BY  
ADJUSTING MOTOR SPEED  
AUTOMATICALLY  
ACCORDING TO WATER  
DEMAND, PROVIDE  
CONSTANT PRESSURE TO  
ALL TAPS.**

**USER FRIENDLY**

**WORKING PRESSURE & FAULT  
CODES CAN BE SHOWED ON  
TOUCH CONTROL PANEL. TOUCH  
PANEL CAN ADJUST WORKING  
PRESSURE.**

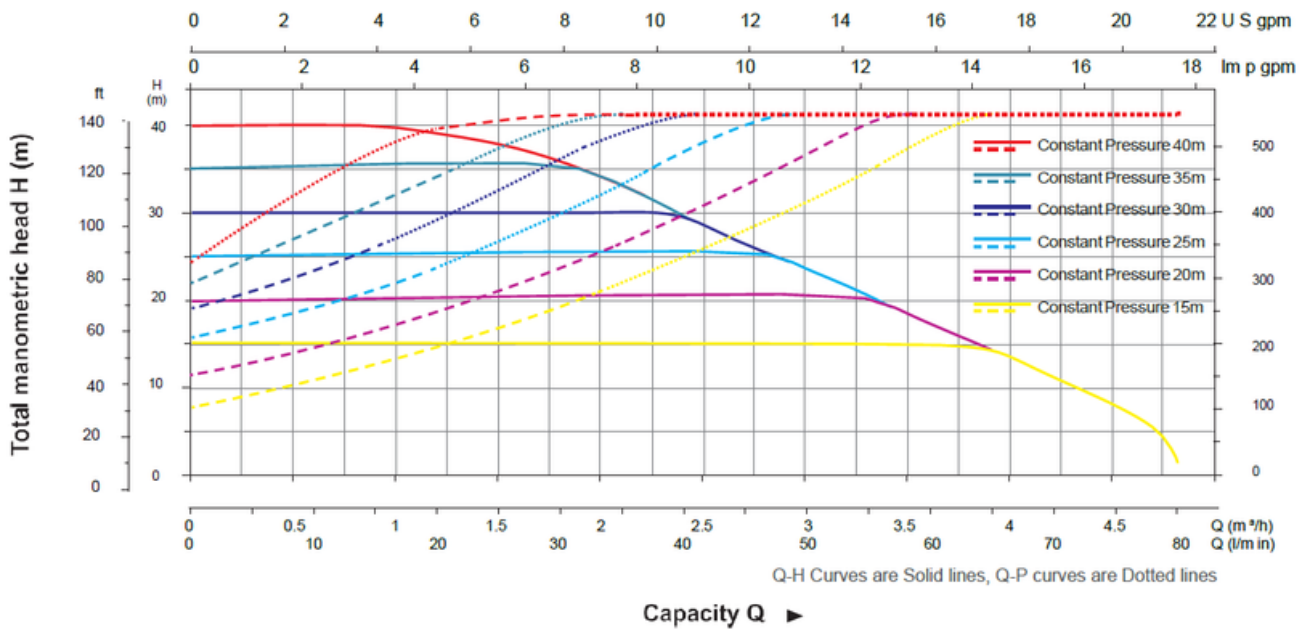
**EASY INSTALLATION**

**COMPACT ALL-IN-ONE SOLUTION,  
INTEGRATING HIGH EFFICIENCY  
PUMP, NON- RETURN VALVES,  
PRESSURE/FLOW SENSOR, SPEED  
CONTROLLER AND PRESSURE  
VESSEL TOGETHER.**

**EASY SELECTION**

**ONE MODEL FOR MOST  
OF DOMESTIC  
APPLICATIONS.**

# HYDRAULIC PERFORMANCE CURVE



## TECHNICAL DATA

Technical data	MAC550
Voltage	220 – 240 V
Frequency	50/60 Hz
Max. Power	550 W
Max. Flow	4.8m <sup>3</sup> /h
Max. Head	40 m
Max. Speed	5200rpm
Max. Current	2.7 A
Max. Suction	6 m
Connection Size	G 1"

- AMBIENT TEMPERATURE: MAX.+50°C
- LIQUID TEMPERATURE: MAX.+40°C
- LIQUID PH VALUE: 6.5 ~ 8.5
- SYSTEM PRESSURE: MAX.10BAR
- INGRESS PROTECTION: F
- SOUND PRESSURE LEVEL: 47DB(A) IN TYPICAL USE
- PROTECTION CLASS: IPX4 (SUITABLE FOR OUTDOOR INSTALLATION)
- DIMENSIONS: 392X160X315 MM
- WEIGHT: 11 KG



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**+27 65 321 5803**



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