

# BETON TROWEL

## CONCRETE FINISHING & COMPACTION



### ROLLER BTDR700Y

- The hydraulic drive system, comprising hydraulic pump and hydraulic motors, provides infinitely variable working speed for travel and vibration. This eliminates the need for regular maintenance and adjustments typically required by chain-driven rollers
- The roller features dual smooth drums with beveled edges, allowing for effective compaction of both asphalt and granular materials. This versatility enhances job performance
- The BTDR700Y is equipped with a mechanical parking brake for safe operation and secure parking
- The roller brake unit enables the machine to operate on slopes with a gradient lower than 30%, ensuring stability during operation
- The inclusion of large rubber shock mounts absorbs vibration and shock, reducing wear on the upper components of the roller and minimizing operator fatigue
- The roller features an electric starter when equipped with a diesel engine, providing easy starting and efficient operation
- The BTDR700Y is equipped with a 35-38 liter water tank, along with a removable anti-corrosive water sprinkler system. This allows for uniform watering across the entire drum surface, facilitating optimal compaction
- The unique clutch/pump drive system enables easy cold weather starting and allows for no-load starting of the engine, enhancing convenience and efficiency



#### SPECIFICATIONS:

- Engine type: Yanmar L100AE
- Max. Output Power kW(PS) 7,4 (10)
- Dimension (mm): L 2.550 x W 700 x H 1.250
- Weight: 765Kg
- Roller Length: 650mm
- Roller Diameter: 420mm
- Vibration Frequency: 55Hz (vpm)(3300)
- Centrifugal Force: 13 kN
- Max. Traveling Speed (Depending on materials): 60 m/min
- Limited Gradient: 40%
- Water Tank Capacity: 35-38L
- Advance: Hydraulic
- Vibration: Manuel