

# MULTIVIBE & HAND POWERED BUILDING MATERIALS PRODUCTS

## WATER TANK BLPW PLANT

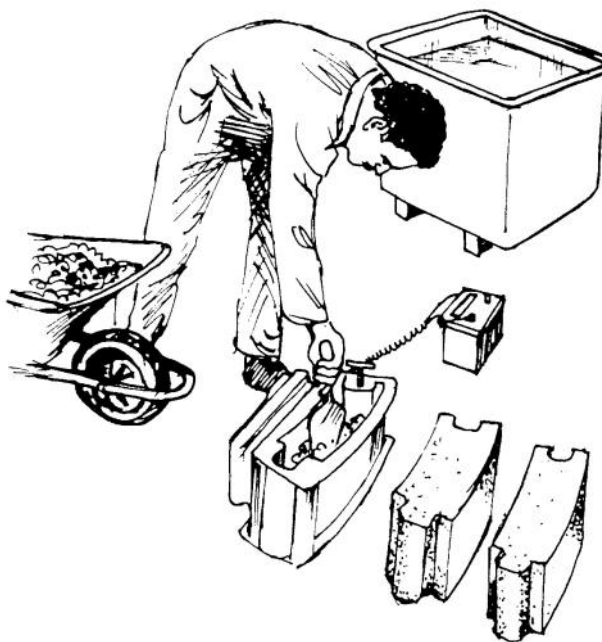
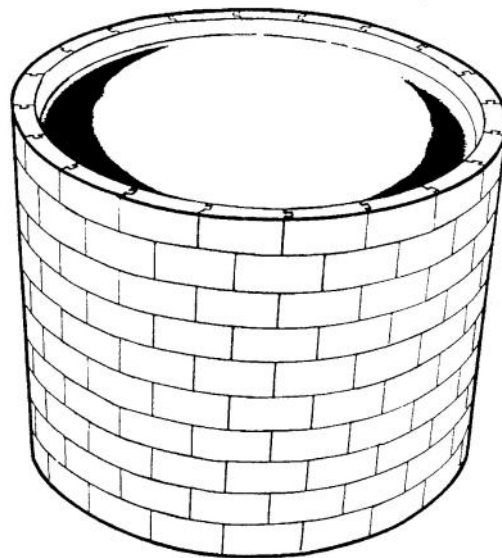
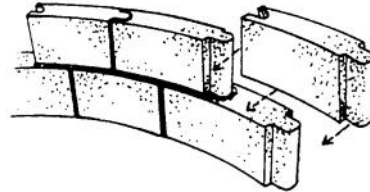
Specially shaped, curved, and interlocking concrete blocks for Water Tank construction, which are produced using mechanical vibration. They can be made with a low cement content, but still achieve high structural strength..

Water Tanks can be built mostly without the need to use reinforcement and are very durable.

The durability of Parry Multivibe tanks surpass that of steel or steel-reinforced tanks because they do not contain corrodable materials. Also, Multivibe tanks do not contaminate their contents., so it is possible to collect and store drinking water.

Water Tank production with Multivibe interlocking blocks does not require special materials or skills. To construct a tank holding 6,000 litres should take as little as 2-3 days.

The blocks are also useful for well construction and components for pit latrines. Other applications include cattle troughs, culverts, arches and vaults.



The block mould is a casting mould, which means the mould is removed whilst the concrete is still wet, allowing the mould to be used repeatedly during the same day. The steel moulds are filled with concrete, vibrated and removed, leaving the block standing on the floor.

In practice, one Multivibe with one mould will produce around 80-100 blocks per day, with a possibility of increasing this to 160-200 blocks per day with the addition of a further mould.

**A typical Water Tank block plant consists of:**

- A) Multivibe vibrator**
- B) Small accessory pack and**
- C) One of three different water tank moulds – 2m, 3m or 4m.**

**An additional demould-assist accessory is available where producers have to work with extra-sticky materials.**

## WATER TANK UNIT - 2/3/4metre DIA

CAPACITY: Number of blocks produced per 8 hour shift		<b>80</b>	Approx	
EQUIPMENT DESCRIPTION		Unit Cost	Quantity	COST
<b>A</b>	Block Mould - 2m, 3m or 4m	£220.00	1	£220.00
<b>B</b>	4amp Multivibe detachable vibrator	£440.00	1	£440.00
<b>C</b>	Accessory Pack: Instruction manual, 2 large pointing trowels and spares kit	£49.50	1	£49.50
<b>D</b>	Transformer	£82.50	1	£82.50
<b>E</b>	Packing	£80.00	1	£80.00
<b>Total Cost Ex-Works (UK Pounds Sterling)</b>				<b>£872.00</b>
Documentation and Inland Freight to shipper				£80.00
<b>Total Cost FOB UK Port</b>				<b>£952.00</b>