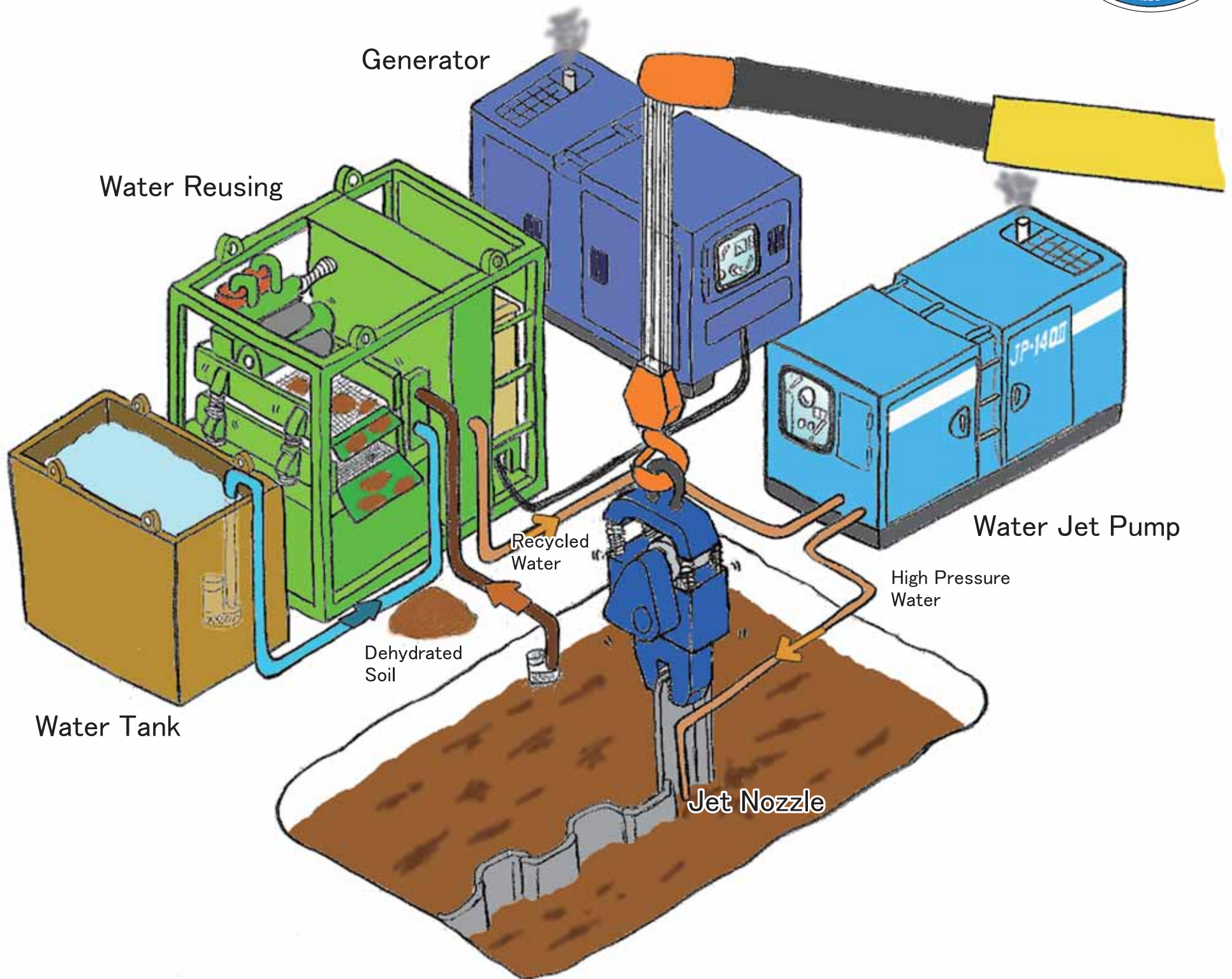
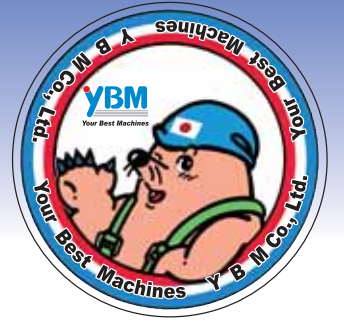


# SHEET PILING

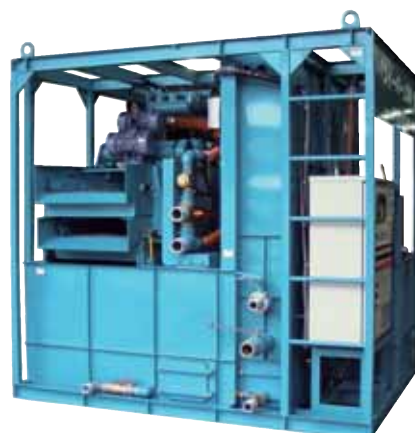


**Water Jet Pump**  
**JP-310II**

PUMP MAX. PRESSURE : 15 MPa (153 bar)  
 PUMP DISCHARGE VOLUME : 900 L/min (240 gpm)  
 ENGINE POWER : 235 kW/2,000 rpm  
 DIMENSION(LxWxH) : 4,500 × 1,900 × 1,950 mm  
 (14' 9" × 6' 3" × 6' 5")  
 GROSS WEIGHT : 9,200 kg (20,280 lbs)

**Water Reusing**  
**DM-50**

MUD SCREEN CAPACITY : 500 L/min (132 gpm)  
 REMOVE SILT CAPACITY : 700 L/min (185 gpm)  
 WASHING PRESSURE : 3.4 MPa, 22 L/min  
 (34 bar, 6gpm)  
 DIMENSION(LxWxH) : 2,500 × 2,000 × 2,370 mm  
 (8' 2" × 6' 7" × 7' 9")  
 GROSS WEIGHT : 2,500 kg (5,510 lbs)



## SHEET PILING Sheet Piling (Pipe Piling) with Water Jet cutting – JV method

Sheet piling by the vibratory hammer had met several difficulties when the formation consisted of harder soil, gravel, and boulders.

In Japan, we call, JV-method for sheet piling has been developed and improved the work efficiency remarkably since 1975.

YBM high pressure water jet pumps are designed for ground cutting rather than softening, in order to discharge minimum amount of water at high pressure into the ground. It serves to shorten the time required for pile driving, and to insert it firmly to the ground. This JV method has been applied for most of Sheet Piling projects in Japan, Korea and South East Asian countries. Applicable Projects: New Harbor, Pier, Riverside Wall, Tunnelling, Water shut-off, AirPort base, Power plant, and Bridge foundations.



# YBM Co., Ltd. Japan