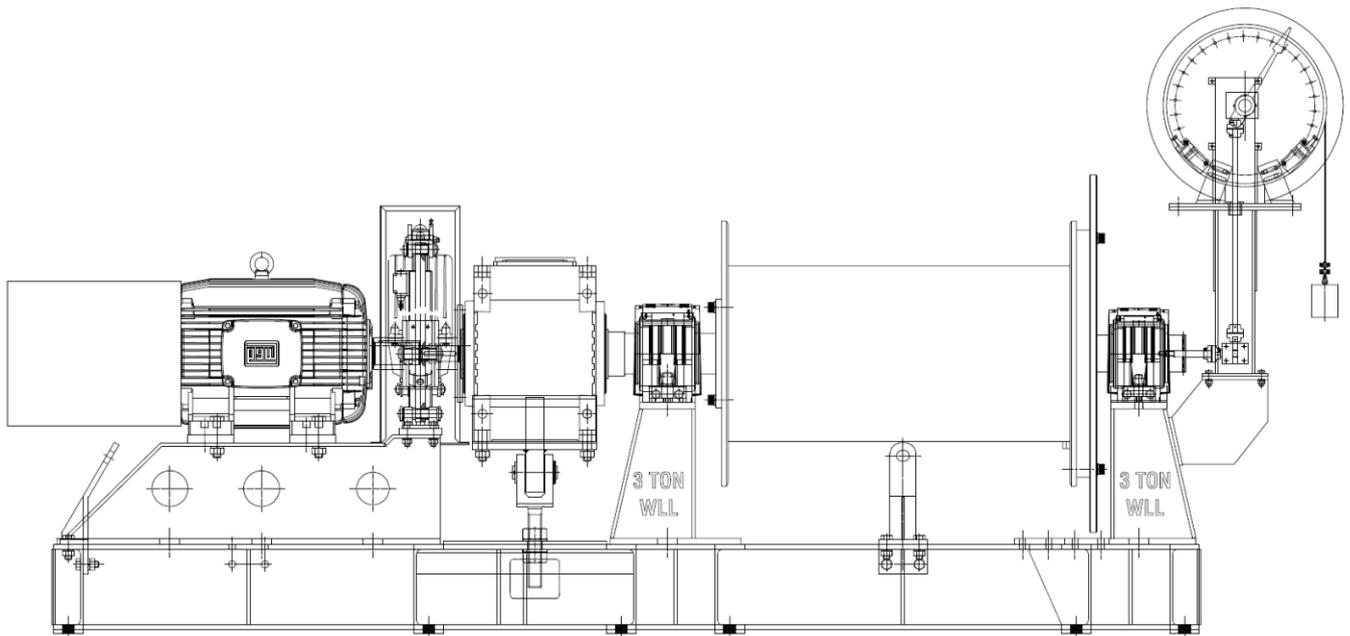


CONSTRUCTION, MATERIAL AND SPILLAGE WINCHES



GENERAL INFORMATION

The DYMOT range of construction, material lifting and spillage winches have been specially developed for Goods and Man Hoisting at rapid speed over protracted distances. Popular applications include the hoisting of material out of shafts and to construct chimneys for power stations.

These winches are VFD driven which could be operated at low or high speeds via the VFD and the motor could be held at 0Hz at full Torque ensuring no runback when the brakes are released. The System is also fitted with a 100% Braking Resistor to dissipate the heat when lowering to prevent Regeneration.

The winches are fitted with dual brakes that function on the fail safe principal, one on the high speed side and the other on the low speed side. It is also fitted with a mechanical dial type position indicator and safety devices including an over speed device.

SPECIFICATIONS

| TYPE / MODEL | ITEM NR | MOTOR | TEST LOAD LAYER 1 | SWL TOP LAYER | ROPE SPEED LAYER 1 | ROPE Ø | DRUM CAPACITY | WORKING LENGTH |
|--------------|---------|-----------|-------------------|---------------|--------------------|--------|---------------|----------------|
| 22kW | 3163 | 22kW - 4P | 3.5 Ton | 2.9 Ton | 27 m/min | 18 mm | 400 m | 240 m |
| 30kW | 4349 | 30kW - 4P | 5 Ton | 3.7 Ton | 21 m/min | 20 mm | 500 m | 400 m |
| 55kW | 2467A | 55kW - 4P | 3 Ton | 2.5 Ton | 66 m/min | 16 mm | 650 m | 500 m |
| 75kW | 4747 | 75kW - 4P | 4.5 Ton | 3 Ton | 93 m/min | 16 mm | 800 m | 600 m |
| 90kW | 4647 | 90kW - 4P | 7.5 Ton | 5 Ton | 64 m/min | 22 mm | 800 m | 600 m |

NOTE: These are DYMOT standard products, specials available on request.

