TUNA PURSE SEINER
HYDRAULIC DECK MACHINERY

PURSE WINCH

MHT Purse Winches are built on over 45 years of hydraulic engineering expertise and advanced monitoring and sensing systems. With a proven track record and high reliability, our winches are trusted by purse seiner fleets around the world.

1. KEY ADVANTAGES

EASY MAINTENANCE WITH SEPARATE-TYPE MODELS

The latest separate-type models such as PWC3340 are designed for easy disassembly and overhaul, minimizing maintenance time and improving serviceability.

MAXIMIZED ENERGY EFFICIENCY (ELECTRIC LOAD-SENSING SYSTEM)

The electric load-sensing system significantly reduces pressure loss compared to conventional systems. By lowering system pressure during idling, it minimizes power consumption and reduces oil leakage from hydraulic equipment.

ADVANCED MONITORING CAPABILITY (HYDRAULIC MONITORING SYSTEM)

Real-time operating status is available onboard. Satellite communication enables data analysis from shore (shipowner or MHT), supporting early troubleshooting and maintenance planning.

2. SPECIFICATIONS & LINE-UP

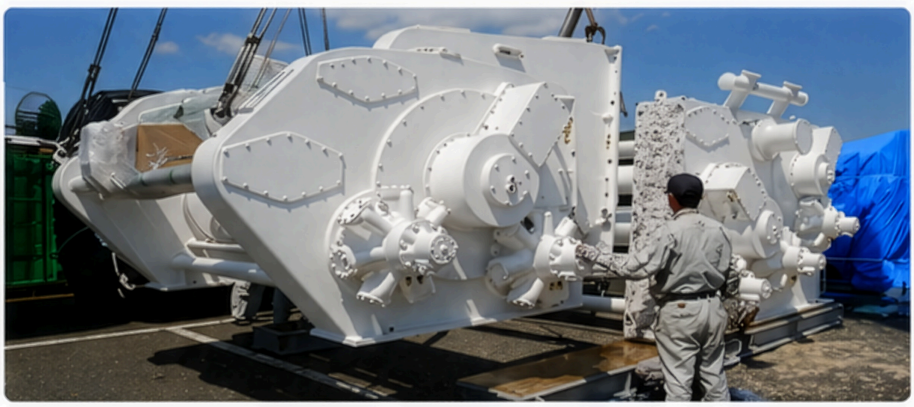
ITEM	PWC 3312	PWC 3335	PWC 3340-A	PWC 3340-B
Target Vessel	1,200 G/T	1,200 G/T	1,500 G/T	2,000 G/T
Unit Weight	17,000 kg	21,000 kg	22,500 kg	25,000 kg
Max. Hauling Capacity (1st Layer)	32 t - 23 m/min	35 t - 23 m/min	40 t - 23 m/min	40 t - 35 m/min
Drum Capacity (Example)	φ28 x 3100 m	φ28 x 4300 m	φ28 x 4600 m	φ28 x 5400 m
Number of Pumps	4 units	5 units	5 units	7 units

※ Specifications are subject to change without notice.

Evolution Highlights: With each model upgrade, drum capacity, hauling performance, and features such as hydraulically driven shifters are enhanced to meet the demands of larger vessels and more severe operating conditions.

3. OPERATIONAL PERFORMANCE & SAFETY

- **MULTI-SPEED CONTROL**
  Main drum and forward drum feature 4-speed control, and the towline drum has 2-speed control, allowing flexible operation according to load conditions.
- **DUAL BRAKE SYSTEM**
  Equipped with a main brake for full stop and a half brake for fine control during free net paying operations.
- **HYDRAULICALLY DRIVEN SHIFTER**
  Hydraulically driven shifters allow precise drum alignment and smooth operation.



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