

# Complete 10 km streamer equipment for seismic vessel

**Level wind for each streamer reels**



**2 x wide tow winches (foto 18,3)**

Drum size:  $\text{Ø}650 / \text{Ø} 1900 \times \text{W}1200 \text{ mm}$

Pulling force, nominal 450 kN on inner layer

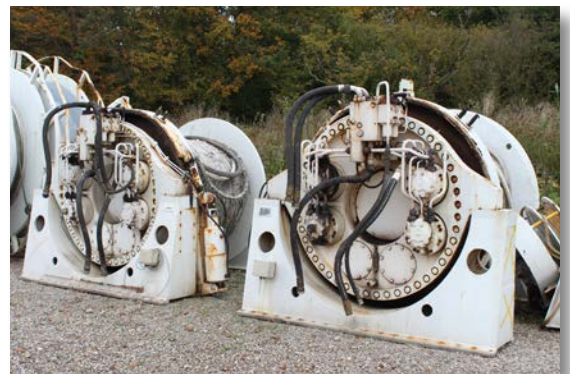
/ 182 kN on outer layer

Start torque (pulling force) 85% of nominal value.

Brake holding force 580 kN

Wire capacity 1450 m  $\text{Ø}40 \text{ mm}$

Excl. level winder



**4 x Umbilical winches**

$\text{Ø}1870 / \text{Ø}1200 \times \text{W}610 \text{ mm}$

(1 winch is  $\text{Ø}1690$ )

Pull: 2 T?



**2 x AUX winches, 7T**  
Ø1100 / Ø550 x W 350mm



**8 x Towing Boom, 3T**



**2 x 3T Storage Drums**  
Ø3080 / Ø1400 x W2290 mm

**2 x 3T Storage Drums**  
Ø3450 / Ø1400 x W2000 mm



**2 x 3,8T Hose Storage Reels**  
27 m/min emty drum  
2 T / 50 m/min full drum  
Ø2450 / Ø850 (smaller) X W585 mm



*See next page for more equipment*

**2 x Double Drum Storage Winch for rope**

Ø1150 / Ø400 x W210 mm

15 kN pulling, 22,5 / 27,5 braking

Capacity: 2 x 400 m, Ø 20 on each drum

25 kN on inner layer



**10 x AUX winches, 5T**

Drum size: Ø600 / Ø415 x W150 mm

Brake: 75 kN on inner layer

Pull: 50 kN on inner layer, nominal

38 kN on outer layer, nominal

Start torque 80 %

22 m/min on inner layer

0-32 m/min on outer layer

Excl. level wind



**6 x AUX winches**

Drum size: Ø850 / Ø350 x W200 mm

Pulling force: 27,5 kN on inner layer / 12,5 kN outer layer.

Excl. level wind



**6 x AUX winches, 2,8T**

Ø510 / Ø330 x W130 mm



**2 x cranes “Hydra Marine”**

SWL 7T @ 13m

Knuckle boom with wire winch

