

Meydam Product range

Meydam TMP Knuckle boom cranes

Reference list

M/S Veronika - TMP 300 K
 M/S Leirvåg Jr. - TMP 300 K
 Østebø Marine AS - TMP 500 K
 Hovde AS - TMP 700 K
 Havøysund Patentslipp AS - TMP 700 K
 Egersund Fiskeriselskap - TMP 900 K
 Hovde AS - TMP 900 K
 M/S Vestøy - TMP KL 5
 Hovde AS - TMP KL 5
 M/S Kingsholm - TMP KL 13
 M/S Petter Berg - TMP KL 13
 Starfrakt AS - TMP 1300 K
 Kåre Holte & Sønner AS - TMP 1300 K

Long Life With a proper marine rustresistant crane

TMP cranes range in sizes from 3 ton metres up to 17 ton metres.

The Meydam TMP cranes - for maximum rust protection - are shot blasted, metallised and painted. The piston rods, bolts and pipes are made of stainless steel AISI 316.

The base is filled with oil in order to prevent rust inside the base and slew cylinders.

All the hydraulic connections are taped with Denso tape to prevent rust. All cranes from 5 ton metres and up to 17 ton metres can be delivered with radio remote control, with cable back up.



Meydam TMP KL 9 M/S "Brennholm"

Type K

Description	300K	500K	700K	900K	1300K	1700K
Max lift from base	7,1	8,8	10,7	10,7	11,8	15,2
Slewing angle°	365	365	365	365	365	365
Slew torque in kpm	600	1000	1200	1300	2000	2200
Transp height	1,7	1,88	2,03	2,03	2,2	2,28
Weight in kg	365	600	1050	1250	1650	2720
Work press. in bar	215	240	220	240	230	220
Rec. Oil flow	10-15	30-40	35-60	50-60	60-80	60-90
Max. reach in m.	4,8	6	7,65	7,65	8,3	8,3
Max lift in kg	620	830	900	1100	1500	1960
Max man ext. reach	6,2	7,4	9,2	9,2	10,3	10,3
Max lift. ext. reach	470	660	710	900	1190	1550



Type KL

Description	KL5	KL9	KL13
Max lift from base	5	9	13,2
Slewing angle°	360	360	360
Slew torque in kpm	1100	1300	2000/3500
Transp height	1,29	1,43	1,7
Weight in kg	680	1050	1500
Work press. in bar	210	220	210
Rec. Oil flow	35-40	50-60	60-80
Max. reach in m.	4,5	5,2	6,2
Max lift in kg	1100	1500	1850
Max man ext. reach	6	6,6	8
Max lift. ext. reach	825	1350	1600

Manual or hydraulic

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Petrel Knuckle Boom Marine cranes

Reference list

KC 60 F/V "Tait's"
Scotland

KC 60 Austevoll Havfiske
Norway

KC 60 F/V "Hugin"
Iceland

KC 60 F/V "Forever Gratefull"
Scotland

KC 40 Austevoll Havfiske
Norway

KC 30 F/V "Tait's"
Scotland

KC 30 F/V "Forever Gratefull"
Scotland

KC 30 F/V "Hugin"
Iceland

KC 30 M/S "Kettlin"
Norway

KC 30 F/V "Ørn"
Iceland

KC 20 M/S "T. Brochman"
Norway

KC 20 M/S "Nordkyndfisk"
Norway

KC 10 M/S "May Inger"
Norway

KC 10 M/S "Nordkyndfisk"
Norway

The Petrel Marine Knuckle Boom Crane is a conventional lifting and slewing crane. The booms are of a box type fabrication, pinned to the rotating mast head. A gear type motor with a pressure release brake and epicyclic gearbox rotates the crane through 360°. The slewing function is load protected by a double relief valve. Elevation of the main boom and knuckle boom is operated by one or two hydraulic cylinders which are load protected by a double acting counter balance valve. Lifting and lowering of the load is effected by a planetary winch unit with integral pressure released brake and counterbalance valve.

Knuckle boom cranes are specifically designed for marine environment applications and shipboard operations in severe list conditions, allowing operation with 15°- 20° of list or lateral pull at maximum safe working load (SWL).



Petrel KC 30 - M/S "Kettlin"

Petrel range of knuckle boom cranes:

	Length	Lift
KC10	6,5 m	1,5 tons
KC20	8,5 m	2,0 tons
KC30	9,0 m	2,8 tons
KC40	10 m	3,5 tons
KC60	12 m	4,0 tons

KC120 - 120 TM - is under development.

