

Pipe Deck Machine

PDM 3.5T

Cameron's knuckle-boom crane provides operators with full, easy and safe control of the crane during pipe handling operations. The crane is operated from the fully-insulated crane cabin using stepless joystick controllers mounted on the left hand and right hand sides of the operator chair. The entire cabin is engineered to high safety standards and for ease of operation.



Main Features

- Fully-insulated operator cabin suspended on vibration dampeners to reduce unwanted noise and movement
- All crane motions can be driven at full speed and load independently at the same time
- High-quality fittings and furnishings in cabin
- High-level system indication, control and monitoring
- Tempered glass safety windows in operator cabin

Safety Features

- Load-limiting system
- Emergency stop and maneuvering systems
- Top and bottom limit switches on hook
- Fail-safe brakes
- Limit switches reduce end speed before luffing stop
- Limit switches in the foundation limit slewing sector

Technical Specifications	SI	Imperial (US)
Maximum lifting winch capacity	5 tonnes	11,023 lb
Minimum/maximum winch outreach	3.2 m/23.7 m	10.5 ft/77.8 ft
Maximum lifting capacity gripper head	3.5 tonnes	7716 lb
Minimum/maximum outreach gripper head	3.2 m/26 m	10.5 ft/85.3 ft
Hook travel, maximum 1 falls	50 m	164 ft
Fully-loaded hook	0-40 m/min	0-131 ft/min
Slewing sector	360 degrees (limited)	
Slewing speed	0.8 rpm	
Luffing time	75 seconds	
Main jib only, average up/down heel/trim	1/1 degree	
Foundation height	6.7 m	22 ft
Foundation OD diameter	Ø 2050 mm	Ø 81"
Power consumption motor data type	Marine type	
Duty class	S6-40%	
Rating	250 kW	335 hp
Enclosure	IP 55	
Type starter	Soft start	

Scope of Supply
Fully-insulated operator cabin with vibration dampening
Operator cabin control consoles, operating equipment, safety and miscellaneous equipment
Comprehensive safety system including limit switches, emergency stop system and emergency maneuvering system
Custom-engineered machinery for luffing, hoisting and slewing operations
Hydraulic system including hydraulic power pack, oil cooler and hydraulic pipes and hoses
Electric system including marine-type pump motor and soft starter
High-quality steel structures including foundation, fully-enclosed king, jibs, platforms, ladders and handrails
Standard spare parts and tools
Documentation package

4601 Westway Park Blvd.
Houston, TX 77041
USA
Tel 1 713 939 2211

Andøyfaret 3
N-4623 Kristiansand S.
Norway
Tel 47 380 00 570