**PRS-8**

The PRS-8 is a pipe racking system that utilizes modular and robust PRS design standards to ensure uniformity and optimum flexibility. A modern AC control system delivers consistent reliability with high performance, enabling operators to maintain safe, high-speed operations across its functional range. The PRS-8 offers both automated tripping and a hoist stroke for offline stand building, Compact design. XY Racking Configuration. A traditional XY fully-latched fingerboard layout is used with the PRS-8. This compact design maximizes available drill pipe storage area while being suitable for retrofit into many of today’s MODU derricks.

- Engineered for durability and reliability
- Ease of installation, commissioning, and operation
- Suitable for dynamic applications

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**Hydraracker XY**

The machine supports the tubular weight and performs all normal racking operations. The main components in the Hydraracker are the Rotating Vertical Column with Tail Arm, Main Arm, Upper and Lower Horizontal Drive, Swab Winch, Elevator and Control System (PLC). Engineered for durability and ease of operation, the XY Column Rackers optimize operational flexibility and efficiency. These machines utilize a state-of-the-art robotics control system that deliver consistent reliability and high performance.

NOY’s XY Column Rackers offer automated tripping and offline stand building capacities in a static of dynamic environment.

- Engineered for durability and reliability
- Ease of installation, commissioning, and operation
- Suitable for dynamic applications

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**Star Racker**

The Star Racker is designed to provide a remote operated machinery for moving tubular stands between well center and setback storage area. The machine is horizontally supported to the derrick at 22° of the derrick and at the fingerboard level. The Star Racker has also a positioning arm for Iron Roughneck.

The Star Racker consists of the following main parts:

- Column with supports and rotation system
- Lower racking arm with hoist
- Upranking arm
- Iron Roughneck positioning arm
- Fingerboard for DP and casing finger
- Electrical control cubicles inclusive PLC and AC drive for remote control.
- Casing guiding claw.
- Single joint tool with soft stabbing casing.

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**PHM 3i**

This automated pipe handling machine system handles up to 38 ft stands of pipe or drill collars during drilling or tripping. The PHM A system eliminated the need for rig floor hands and a derrickman to manually handle pipe. One attendant can manage normal pipe handling procedures using the supplied control panels.

- Engineered for durability and reliability
- Ease of installation, commissioning, and operation

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**Specifications**

- **Weight:** 61,790 lbs (28,011 kg)
- **Max. Column Height:** 56 ft (17.1 m)
- **Max. Reach Out:** 24 ft (7.3 m)

**Tubular Capacities**

- **Tubular Size:** Triple, Range I
- **Diameter:** 7 7/8 in.
- **Utility Requirements:** 120 VAC, 1 kw

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**PRS-8i SWL Maximum Reach**

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**PhM 3i**

- **Weight:** 69,000 (31,300 kg)
- **Max. Column Height:** 56 ft (17.1 m)
- **Max. Reach Out:** 24 ft (7.3 m)

**Tubular Capacities**

- **Tubular Size:** Triple, Range I
- **Diameter:** 7 7/8 in.
- **Utility Requirements:** 120 VAC, 1 kw

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**PRS-8i SWL Maximum Reach**

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**PRS-8i SS Maximum Reach**

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