

Multi Size Elevator

MSE-500



The Canrig® Multi-Size Elevator, or MSE-500, is designed to handle all the necessary pipe dimensions for drilling large sections of a well. When new size objects will be handled, the inserts are shifted by remote controls.

The Multi-Size Elevator seamlessly works with the pipe handler to ensure a fast and safe transfer of objects, through the weight negotiation feature of the robotic control system. Through this feature, the elevator measures the weight of the stand or assembly.

The Multi-Size Elevator eliminates manual operations when shifting inserts and can save up to five to ten minutes per shift. The Multi-Size Elevator uses 4 sets of latches with configurable inserts.

FEATURES & BENEFITS

- Remote-controlled change of inserts
- 4 sets of latches with configurable inserts
- Can be tilted 90 degrees both ways
- Retrofit-able on existing top drives
- Automatic operation
- Closed design for avoiding risk when operating elevator, enters from the top of the pipe
- 500 short tons capacity

TECHNICAL DATA	VALUE
Service	Lifting of drill pipes, Collars, Casing and Tubing
Diameter range	2 7/8" to 14"
Number of latches	4, configurable pipe dimensions
Lifting capacity	500 short tons
Tilting	-90 degrees to +90 degrees
Number of hydraulic lines needed	3 (P, T and drain)
Power requirement	162 to 210 Bar
Flow rate	49 l/min
Area classification	Zone 1
Design temperature	-25°C to +55°C
Total weight	1900 kg

For more information go to www.nabors.com/equipment or visit us at Kvaalkroken 30, 4323 Sandnes, Norway.