# ATLAS MOTORS

Designed to be the most powerful high performance drilling motor on the market, the proprietary design of Phoenix's Atlas high performance drilling motor delivers more torque to the bit to drive faster penetration rates. Run life is extended with rugged components that are built to operate under parameters that go beyond the limitations of conventional motors. These motors offer a shorter bit-to-bend, increased motor yields at lower bend angles and the ability to pump at higher flow rates, making them the most reliable, rugged and powerful motors on the market.

- Short bit-to-bend length and motor geometry deliver consistent and predictable motor yields
- Proprietary Phoenix mud lube bottom end handles the most aggressive power sections, allowing operators to maximize drilling parameters that are available on todays high spec rigs
- Ultra high torque drivelines

## POWER SECTIONS

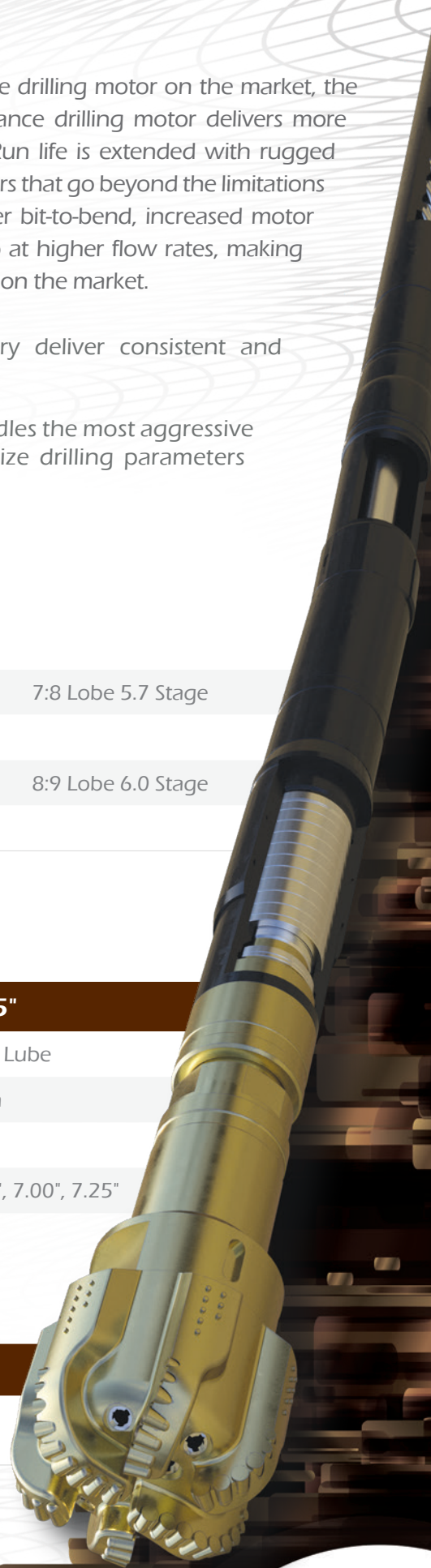
| | | | |
|---|---|---|---|
| **5.00"** | 6:7 Lobe 6.4 Stage | 6:7 Lobe 8.8 Stage | 7:8 Lobe 5.7 Stage |
| **5.50"** | 6:7 Lobe 8.8 Stage | 7:8 Lobe 7.0 Stage | |
| **7.25"** | 4:5 Lobe 8.4 Stage | 7:8 Lobe 8.5 Stage | 8:9 Lobe 6.0 Stage |
| **8.00"** | 7:8 Lobe 5.9 Stage | | |

## PERFORMANCE DETAILS

| Parameter | 5.13" | 5.76" | 7.25" |
|---|---|---|---|
| Bearing Assembly | Oil Lube | Mud Lube | Mud Lube |
| Bit-to-Bend (Fixed) | 58 in | 47 in | 49 in |
| Bit-to-Bend (Adjustable) | 64 in | - | - |
| Power Section Capability | 5.00" | 5.00", 5.50" | 6.75", 7.00", 7.25" |

## OPERATING PARAMETERS

| Parameter | 5.13" | 5.76" | 7.25" |
|---|---|---|---|
| Flow Range | 400 gpm<br>1,514 L/min | 400 gpm<br>1,514 L/min | 450–750 gpm<br>1,170–2,840 L/min |



**Discover the POWER**