The LEADER IN CASING DRIVER TECHNOLOGY

Atlas Casing Driver Specifications

<table>
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<tr>
<th>Model</th>
<th>Ram Weight</th>
<th>Driving Energy</th>
<th>Drive Anvil</th>
<th>Overall Weight</th>
<th>Hydraulic Requirements</th>
<th>Beats/Minute</th>
<th>Overall Length</th>
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</thead>
<tbody>
<tr>
<td>R-1000</td>
<td>600 lbs.</td>
<td>3,100 ft. lbs.</td>
<td>6&quot;</td>
<td>2,200 lbs.</td>
<td>20 gpm @ 2,000 psi*</td>
<td>0-100 variable</td>
<td>55&quot;</td>
</tr>
<tr>
<td>DT500</td>
<td>450 lbs.</td>
<td>2,000 ft. lbs.</td>
<td>4&quot;</td>
<td>1,070 lbs.</td>
<td>15 gpm @ 2,000 psi*</td>
<td>0-120 variable</td>
<td>58&quot;</td>
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<tr>
<td>R-2000</td>
<td>1,100 lbs.</td>
<td>4,100 ft. lbs.</td>
<td>6&quot;, 8&quot;</td>
<td>3,200 lbs.</td>
<td>20 gpm @ 2,000 psi*</td>
<td>0-100 variable</td>
<td>65&quot;</td>
</tr>
<tr>
<td>R-3000</td>
<td>1,100 lbs.</td>
<td>5,800 ft. lbs.</td>
<td>6&quot;, 8&quot;</td>
<td>3,500 lbs.</td>
<td>25 gpm @ 2,000 psi*</td>
<td>0-70 variable</td>
<td>76&quot;</td>
</tr>
<tr>
<td>R-4000</td>
<td>1,600 lbs.</td>
<td>7,850 ft. lbs.</td>
<td>6&quot;, 8&quot;</td>
<td>4,180 lbs.</td>
<td>25-30 gpm @ 2,000 psi*</td>
<td>0-70 variable</td>
<td>86&quot;</td>
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<tr>
<td>R-5000</td>
<td>1,600 lbs.</td>
<td>7,850 ft. lbs.</td>
<td>8&quot;, 10&quot;</td>
<td>4,750 lbs.</td>
<td>25-30 gpm @ 2,000 psi*</td>
<td>0-70 variable</td>
<td>90 1/4&quot;</td>
</tr>
<tr>
<td>R-6000</td>
<td>2,000 lbs.</td>
<td>9,200 ft. lbs.</td>
<td>8&quot;, 10&quot;</td>
<td>5,150 lbs.</td>
<td>25-30 gpm @ 2,000 psi*</td>
<td>0-70 variable</td>
<td>90 1/4&quot;</td>
</tr>
</tbody>
</table>

All models can be ordered with a 6" Internal Driving surface removed for a nominal charge. Models with the larger 8", 10", and 12" Drive adapters are also available upon request.

In addition to top head rotary casing drivers, Atlas Manufacturing also produces a Hydraulic Cable Tool Casing Driver and Accessory Package.

Drive casing while drilling.

Hydraulically powered from deck engine.

No air compressor or trailer mounted equipment needed.

Elevated drilling platform & swing arm allows use of 20’ casing lengths.

Inject water through the casing driver.

Quickly swing the casing driver and tools out of the way for bailing.

Casing driver safely and easily handled by casing line with patented sheave assembly.

Casing driver transports on rig’s mast.

Call us for more information and a free video tape.

Designed By Drillers FOR Drillers!
The Atlas PURE STRIKE casing driver is 100% hydraulically activated. This means:

- No repairing air cylinders & pistons
- No maintaining lubricators, air regulators & valves
- No freeze-ups in low temperatures
- Means: typical problems of pneumatic casing drivers. Owning the Atlas casing driver also insures that the Atlas casing driver is extremely reliable, eliminating the means that all your rig’s air is available for down hole drilling. Hydraulic power provides long life and reliability.

When marketing to those considering a casing driver for the first time we have found an underlying apprehension and doubt. Two months after the sale we find that the same driller is the best endorsement of our product.

The addition of a reliable and powerful casing driver opens up new geographical areas for a drilling company to operate. Discover what drilling companies in glaciated areas have known for decades—Drill and Drive!

Many drillers feel a "need" to the top of a new casing driver to keep the discharge spout to the top of the casing driver.

A standard 6" "valvular hose" can be used as a discharge hose to direct cuttings lower, detented hang, or barbed fitting.

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Top and bottom roller, protects cables from damage.

Internal center tube seal, extra heavy, keeps cuttings from the inside of the case.

Discharge spout, opens area that allows free flow without up-hole restrictions on 6-1/2" drill hole. Features a 6" standard male thread boss that allows installation of quick disconnect or barbed fitting discharge hose.

Discharge spout, machined to accept 8", 8" & 10" casing without the need of a drive adapter.

When drilling the casing driver is normally at rest. Drilling can continue ahead of the drive shoe until the bore becomes unstable or the top head reaches the top of the casing driver (or deeper). In certain formations drilling and driving can be made at the same time is possible. When coming into contact with hard sand or gravel, you are able to drive the casing ahead, maintaining control of the hole.

Hydraulic casing drivers can be used in these difficult situations allowing easy penetration down-hole drilling, allowing more rapid penetration rates.

Driving casing when drilling in consolidated formations keeps the back from riding on the cuttings floor. Up-hole velocities and cuttings minimal are greatly increased. The casing also helps the volume of cuttings formed.

When driving casing the hole is normally raised into the casing. This prevents the drive shoe from becoming jolted or vibration from the formation by the drive shoe. Some formation require aggressive driving, some a lighter driving, some in deep holes it is difficult to keep a casing driver down-hole. 11" casing with hydraulic control allows the casing to perform a broad range of speeds. Oscillating may be necessary to get the casing to penetrate the formation. The Atlas casing driver has complete variable speed control.