

Air or Nitrogen Hurricane Boosters



Model: B7-41



Concept Model

Hurricane boosters are second-to-none. They are smaller, lighter and still pack as much power as the larger and heavier comparable units available in the marketplace today.

Our quality control and turnkey manufacturing process guarantee excellence, while superior engineering and design help drive custom solutions for our customers. Every feature that is built into our boosters shows you the experience, the power, the quality...*the Hurricane difference.*

Over 40 years of experience has taught us to maximize every component. Like all of our boosters, this unit provides you with a better penetration rate, cooler bit temperatures and longer bit life.

Typical applications include: mineral exploration and blasthole drilling, water well and geothermal drilling, oil and gas air/foam drilling, nitrogen generation, and pipeline services.

Sustainable Productivity

Atlas Copco

Specifications

Booster	B7-41/1000
Booster type	Model 276 4 cylinders, reciprocating
Drive engine	Caterpillar C7 250 bhp @ 1800 rpm
Booster stages	1
Max suction pressure (psi / bar)	350 / 24
Max discharge pressure (psi / bar)	1000 / 69
Capacity at max suction pressure (cfm/m ³ /min)	2440 / 69
Booster oil capacity (gal / l)	2.25 / 9
Engine oil capacity (gal / l)	7.50 / 28
Fuel tank capacity (gal / l)	85 / 322
Max operating ambient temperature (°F / °C)	125 / 52
Wet weight (lb / kg)	7,870 / 3,570
Overall dimensions, L x W x H (in / cm)	139 x 80 x 72 / 353 x 203 x 183
Suction connection	3" npt
Discharge connection	2" npt

Standard Features

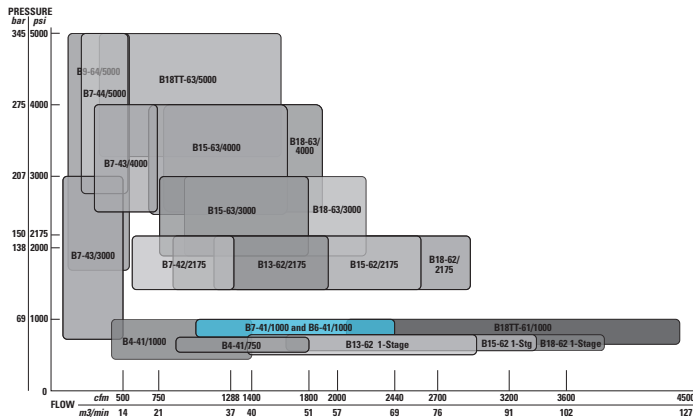
- Automatic load/unload system
- Booster bypass manifold (single and 2-stage only)
- Engine speed adjustment
- Two-way concentric valves
- Watercooled booster block
- Precooler bypass system
- Dual inlet suction manifold
- Discharge temperature sensor at each valve
- Precooler (a+15°F / 8°C) & suction scrubber tank
- Aftercooler (a+50°F / 28°C)
- Open skid with single point lifting and fork lift slots
- 24 volt DC starting and operating system
- Suction and discharge safety relief valves
- Full function digital instrument panel monitoring all pressures, temperatures and controls with full protection shutdown and fault indicators

Options

- Automatic scrubber tank drain
- Cold weather kit (-20°F/-29°C)
- ComAp control panel
- Low pressure switch at booster inlet (only with analog control panel)
- Lights for operation at night
- Full protection frame
- Weatherproof container
- Trailer
- Spark arrestor
- Overspeed shutdown
- Air starter
- ASME B31.3 welding standard
- Inlet mesh filter & particle filter
- Discharge particle filter & coalescing filter
- Service pack 250 hrs / 500 hrs / 1000 hrs / 2000 hrs
- Valve kits and piston kits

Other options, pressures, capacities: available on request

Booster Range



Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

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