COBEY

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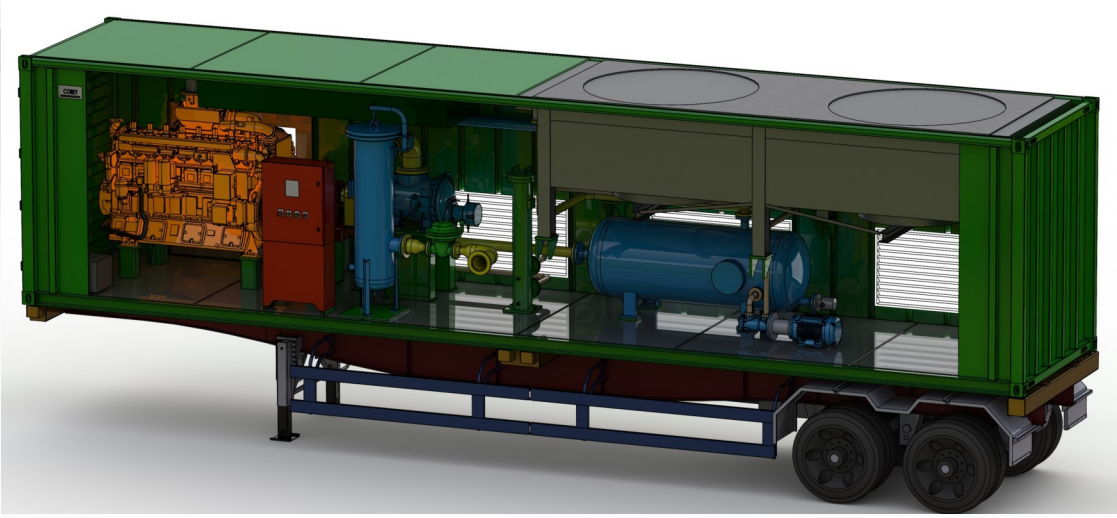
Wellhead Gas Compressors

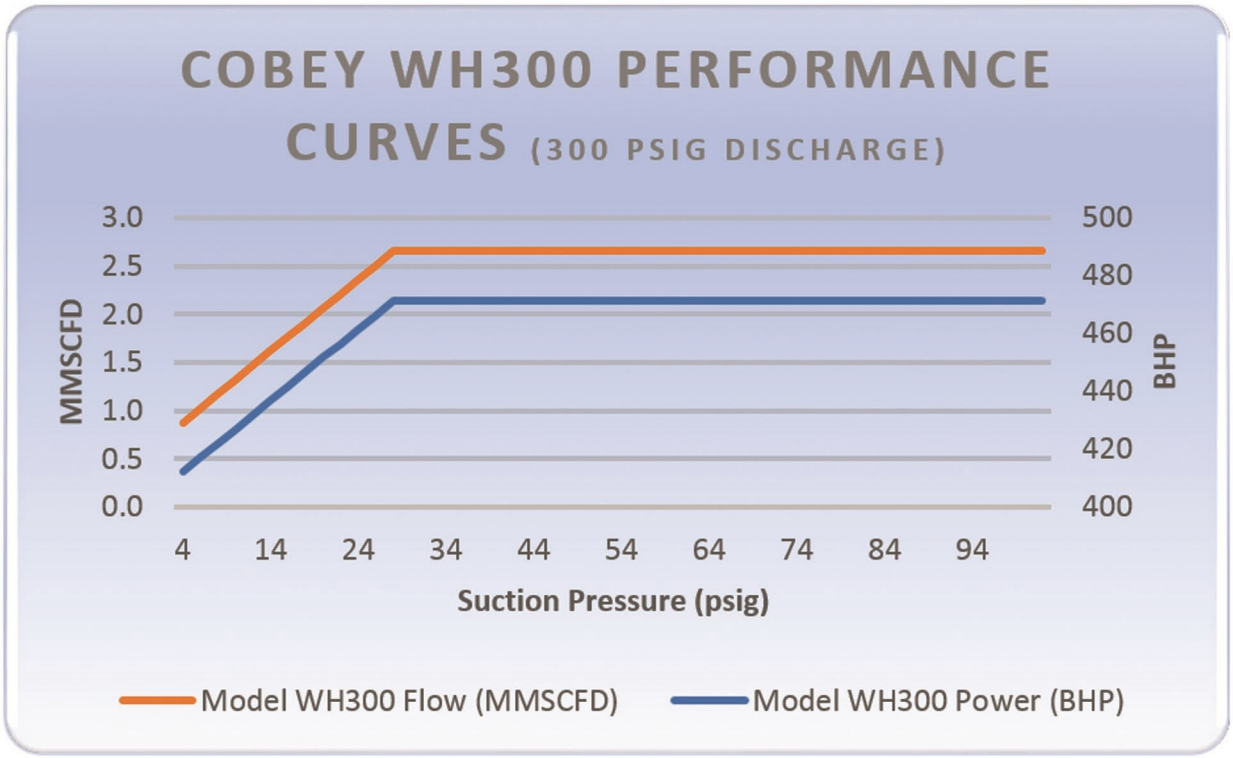
Cobey's new wellhead gas compressors are designed for ultimate flexibility, high reliability and fast start up.

- **Base unit capable of 2.66 MMSCFD discharging into a 300 PSIG gathering pipeline, 400 PSIG also available**
- **Containerized—The fully-assembled, plug-and-play system is enclosed in an easy-to-ship, 40' ISO container**
- **No loose parts or site assembly required, reducing site commissioning time and cost**
- **530 HP EPA Certified Waukesha Rich-Burn gas engine runs on wellhead gas**
- **Oil-flooded screw compressor benefit vs. comparable reciprocating options:**
  - ⇒ **Operational flexibility, without package modification**
  - ⇒ **Higher reliability and longer maintenance intervals**
  - ⇒ **Lower maintenance costs, fewer consumable parts**
  - ⇒ **Higher compression ratio capability in a single-stage body, compared to 3-4 stage reciprocating options**
  - ⇒ **Lower noise and higher frequency, easier to mitigate**
  - ⇒ **Low vibration and pulsation, requiring simpler foundation design and eliminating dampening**
- **Capable of a wide range of inlet pressures (3-100 PSIG), using an integral inlet gas regulator**
- **Integral hydraulic systems to drive all auxiliary systems (pumps and fans), avoiding any need for additional site power**
- **Highly customizable to suit individual users and gas conditions**
- **On-board control panel with HMI, accessible from the exterior of the container**
- **Built in the USA, in the Marcellus-Utica region**

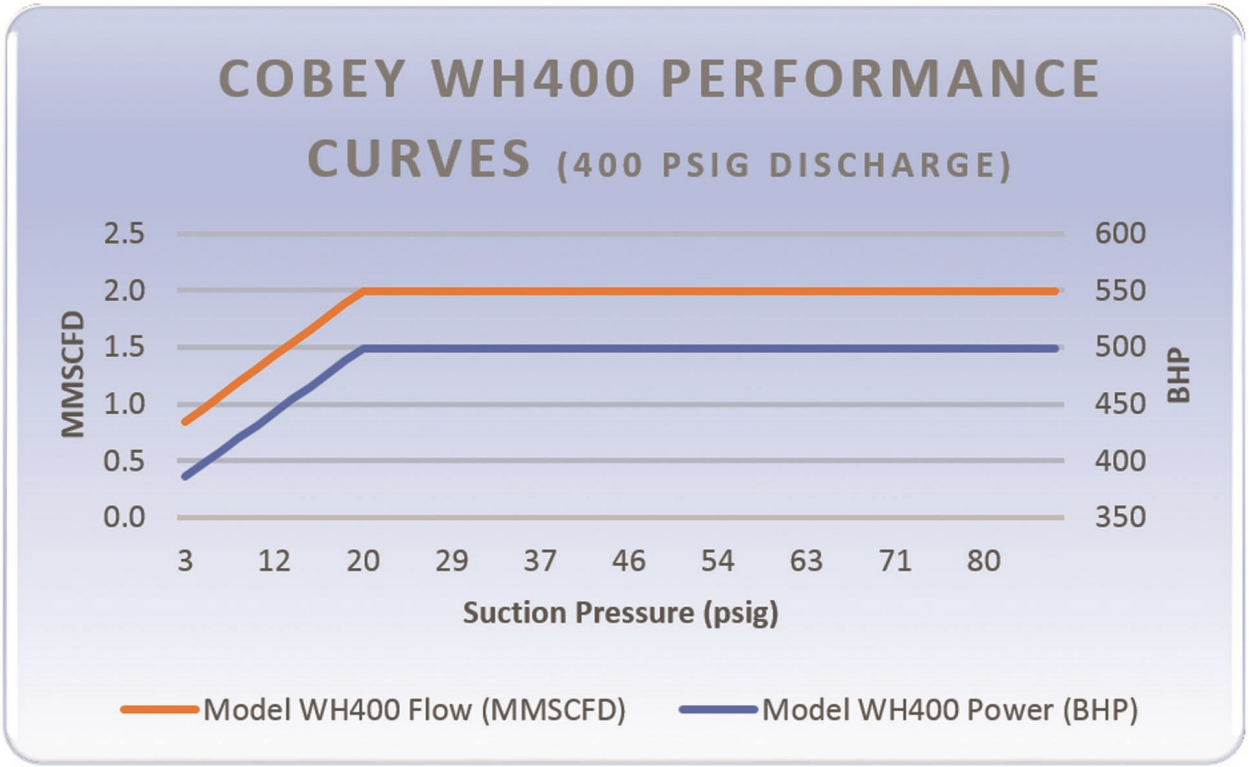
EPA Certified Gas Engine



Rev 01—2/9/2021


COBEY WH300 PERFORMANCE CURVES (300 PSIG DISCHARGE)
MMSCFD
3.0
2.5
2.0
1.5
1.0
0.5
0.0
BHP
500
480
460
440
420
400
4
14
24
34
44
54
64
74
84
94
Suction Pressure (psig)
Model WH300 Flow (MMSCFD)
Model WH300 Power (BHP)

COBEY


COBEY WH400 PERFORMANCE CURVES (400 PSIG DISCHARGE)
MMSCFD
2.5
2.0
1.5
1.0
0.5
0.0
BHP
600
550
500
450
400
350
3
12
20
29
37
46
54
63
71
80
Suction Pressure (psig)
Model WH400 Flow (MMSCFD)
Model WH400 Power (BHP)