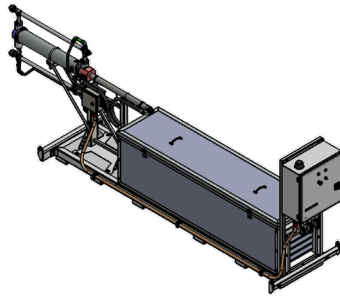


# Hydraulic Casing Gas Compressor – 10 hp



COMPRESSOR			
Type	Hydraulic drive low speed reciprocating compressor		
Capacity Control	Automatic by PLC, 100% turndown		
Wiring	Class 1 Div 2 Hazardous location		
Piping	SA-106B Threaded spools		
Max Discharge Pressure	1100 psi std / 1500 optional	7600 / 10,300 kPa	
Max Design Discharge Temperature	400°F		200°C
	HIGH VOLUME PUMP		HIGH PRESSURE PUMP
Max ΔP	110 psi	760 kPa	300 psi / 2070 kPa

HYDRAULIC POWER PACK	
Driver	10 hp 3 phase TEFC electric motor
Pump	Vane
Hydraulic Oil Filter	6 Micron
Hydraulic Oil Capacity	27 gal / 103 L
Cooling	Fan-cooled
Hydraulic Oil Temperature Control	Automatic: warm-up, air intake louver, cold-start protection
Wiring	General purpose (remote from compressor)

CONTROLS AND INSTRUMENTATION	
System Control	PLC with data logging
Readout	PLC hosted wifi with web browser HMI
Web Enabled Remote Monitoring	Cellular Network IOT system

WEIGHTS AND DIMENSIONS		
Combined Unit	2200 lb / 2064 kg	175" x 38.75" / 444 cm x 98 cm
Inlet Connector	1" 3000 Union	1" x 48" SS Flex Hose Standard
Discharge Connector	1" 3000 Union	1" x 48" SS Flex Hose Standard

ALARMS AND SHUTDOWNS		
	Alarm	Shutdown
Suction Pressure Low	✓	
Discharge Pressure High	✓	
Differential Pressure High	✓	
Discharge Temperature High	✓	
Hydraulic Oil Temperature Low	✓	
Hydraulic Oil Temperature High	✓	✓
Hydraulic Oil Leak	✓	✓
Hydraulic Oil Level Low	✓	✓
Hydraulic Oil Filter High ΔP	✓	
Motor Overload		✓
ESD		✓

OPTIONS
<input checked="" type="checkbox"/> High discharge pressure transmitter
<input checked="" type="checkbox"/> Power pack sound baffles
<input checked="" type="checkbox"/> Piping for corrosive process gas



## Hydraulic Casing Gas Compressor – 10 hp

		DISCHARGE PRESSURE						
		PSI kPa	50 345	100 690	150 1035	200 1380	250 1720	300 2070
SUCTION PRESSURE	10 69	38 1.1	36 1.0	20 0.6	19 0.5	9 0.3	9 0.2	
	20 138	56 1.6	53 1.5	30 0.9	29 0.8	14 0.4	14 0.4	
	30 207	73 2.1	71 2.0	40 1.1	39 1.1	19 0.5	19 0.5	
	40 276	91 2.6	88 2.5	86 2.4	49 1.4	24 0.7	24 0.7	
	50 345		105 3.0	103 2.9	59 1.7	57 1.6	29 0.8	28 0.8
	60 413		123 3.5	120 3.4	69 2.0	67 1.9	34 8.0	33 0.9
	70 482		141 4.0	137 3.9	79 2.2	77 2.2	39 1.1	38 1.1

Hyd. Pump Pressure Range	Maximum ΔP	
	psi	kPa
High	300	2070
Medium	200	1380
Low	110	760

\*Consult your sales rep for a specific estimate based on expected operating conditions

