

# Custom Design and Packaging of Oilfield and Industrial Equipment

## A Single Source Provider of Compressors, Pumps, and Blowers

**Pumps** 

Air Compressors

**Gas Compressors** 

**Process Compressors** 

Vapor Recovery Systems

**Specialty Fabrication** 

**Parts and Services** 







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Sales Service Parts Leasing Engineering Packaging

## **Compressor Packages**



#### DIESEL AIR COMPRESSOR

Industrial Duty
750 SCFM, 55 psig discharge, 2,200 RPM, 125 HP
Gardner Denver Rotary Screw Compressor
Cummins Diesel Turbocharged Air-Cooled Engine
75 Gallon Fuel Tank
Structural Steel Skid with Pollution Pan and
Enclosures

#### Diesel Engine Driven Air Compressor

#### OFFSHORE VAPOR RECOVERY PACKAGE

150 HP TEFC Motor Drive
Suction Scrubber with Filter Elements (FSH4200)
GEA Aftercooler and Oil Cooler
Yamada Air Operated Scrubber Pump
Custom PLC Controls and Instrumentation
Offshore Skid Structure with Pollution Containment



#### **Electric Motor Driven Rotary Screw Compressor**



#### HEAVY DUTY WCG COMPRESSOR

High Capacity/ Low Pressure
402 SCFM, 50 psig, 872 RPM Pump, 72 HP
Gardner Denver Air-Cooled Reciprocating Compressor
with Regenerative Dryer
Deutz (D14L05) Diesel Engine
2,300 RPM Engine, 88 HP

#### Diesel Engine Driven Reciprocating Air Compressor

## TANK BATTERY VAPOR RECOVERY COMPRESSOR

Continuous Duty
10 HP TEFC Electric Motor Drive
Suction Scrubber with Elements
Murphy Control Panel with Gauges and
Shutdowns
Yamada Air Operated Scrubber Pump
Skid Structure with Pollution Containment



## **Engineered Pump Packages**

#### PAH PUMP PACKAGE



The pump package is designed to operate in work over service with the following design conditions (4.50" pistons)

6.5 BPM, 1,650 psig discharge, 175 RPM Pump Speed, 310 HP

Equipment: Gardner Denver PAH Pump, Detroit Series 60 Engine, Allison HT-750DR Trans.

#### **CUTTINGS INJECTION PUMP PACKAGE**

The Pump Package is designed for cuttings injection service applications (3.50" plungers)

(4<sup>th</sup> Gear) 5.0 BPM, 3,500 psig discharge, 284 RPM Pump Speed, 500HP, 1,900 RPM Engine

(1<sup>st</sup> Gear) 0.95 BPM, 5,000 psig discharge, 40 RPM Pump Speed, 130 HP, 1,900 RPM Engine



Equipment: Gardner Denver GD-600 Pump, Cummins QSX15 Engine, Allison 4700OFS Trans.

#### **ELECTRIC MOTOR DRIVEN INJECTION PUMP PACKAGE**



The Pump Package is designed to operate in cuttings injection services. (4.00" plungers)

247 GPM, 3,000 psig discharge, 252 RPM Pump Speed, 480 HP, 1,200 RPM Motor

125 GPM, 3,500 psig discharge, 126 RPM Pump Speed, 285 HP, 600 RPM Motor

Equipment: Gardner Denver GD-600 Pump, TECO Westinghouse 600 HP Electric Motor

#### DAPC INJECTION PUMP PACKAGE

This unit is designed to operate drilling mud service with the following design conditions (3" plungers) with a 1200 RPM motor:

108 GPM, 1,000 psig discharge, 236 RPM Pump Speed, 80 HP



## **Engineered Products**

#### **TACX**



#### **Specifications:**

Duty Cycle: Intermittant
Style: Triplex
Frame Rating: 90 BHP
Max Speed: 600 RPM
Stroke Length: 3"
Rod Load: 8,000 lbs
Oil Capacity: 6 gallons

**Pump Weight:** 

#### TEE XTREME



#### **Specifications:**

Maximum BHP: 225 Maximum RPM: 350 No. of Plungers: 3 Stroke Length: 5 in. Plunger Load: 47,500 lbs Gear Ratio: 5.61 to 1 12 gallons Oil Capacity: Pump Weight: 4,500 lbs

#### **Compressor Package**



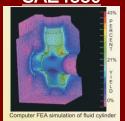
#### **Specifications:**

Horsepower: 30
Max RPM: 1,550
Max CFM: 180
Discharge (psig): 30
Electric Starter (VDC): 12

#### **Custom Fluidends**

1.900 lbs

#### **SAE4330**



Hardened-steel, wing guided valves Colmonoy plungers (1.75" to 2.75") Non-adjustable, high-performance packing Suction Connection: 4-in, 150-lb. Flange Discharge connection: 2-in, 1502 WECO

#### Flow Counter

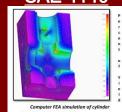


Displays Pump Rates in Any Unites (GPM, BPD, LPM) and Cumulative Volume

Specially Designed for All Makes and Models of Piston and Plunger Pumps

#### Lubrication

#### **SAE 4140**



Mono-block Cylinder
4-Bolt Valve Covers (Suction & Discharge)
Bolt-in stuffing Boxes (CS, SS, AlBr material
Colmony Coated Plungers (1.0" to 3.0")
Stainless Steel Full-Opening, Caged Valves

#### Lubilcation

#### Planet Green Hydraulic Fluids

High Viscosity Index/ Long Life/ Carbon & Varnish Control/ High Film Strength

#### **Premium Pump Lubricant**

High Flash & Auto Ignition Points/ Low Volatility/ Excellent Film Strength

#### Semi-Synthetic Biodegradable Pump Lubricant

Long Fluid Life/ Excellent Water Separator/ Rust Control/ Great Wear Protection

For all makes and models well servicing, stimulation, & disposal pumps.

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