



**Hydro-Extractors**  
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## SPECIFICATIONS FOR MODEL 504 S-24' EXTRACTOR

### Approximate Dimensions:

Extractor Length	30 Ft. 8 In.
Extractor Width	6 Ft.
Height in Load Position	8 Ft.
Weight of Extractor	16,000 Lbs.

### Capacity

Exchanger Tube Sheet Diameter (This is the standard model; we have different options that will enable the extractor to pull larger diameter exchangers.)	66 In. Dia.
Length of Free Pull	24 Ft. 6 In.
Force Applied With Main Cylinder @ 3,000 PSI	113,100 Lbs.
(Optional) Force Applied With Main Cylinder @ 5,000 PSI	189,000 Lbs.
Force Applied With Chain Motors @ 3,000 PSI	13,000 Lbs.
Weight Capacity of Extractor - non shock	60,000 Lbs.
Pull Speed with Main Cylinder	6 Ft. /Min.
Pull Speed With Chain Motors	20 Ft. /Min.

## **HYDRAULIC SYSTEM**

- Drive Motor** - 18 H.P. Piston Type Air Motor @ 90 PSI / 450 CFM  
(Optional) - 35.9 H.P. @ 3,000 RPM Water Cooled Diesel Engine w/Spark Arrester

### **Pump System**

- Tandem Pumps With Total Capacity 29 GPM
- Volume - Low Pressure Pump - 22 GPM @ 1,000 PSIG
- High Pressure Pump - 7 GPM @ 3,000 PSIG
- Automatic Unloading @ 1,000 PSIG
- Inline Suction Filter - 25 Micron

### **Reservoir**

- 40 Gallon Capacity - 1/8" Type 304 S.S. Plate

### **Piping**

- S.S. Suction & Discharge Lines
- Hydraulic Hose to Component Parts

### **Control Valves**

- Manual, 4-Way Spool Type

### **Cylinders**

- 5,000-PSI non-shock with controlled rods.
- (Optional) remote control for all hydraulic functions on diesel driven units only.
- (Optional) remote, for control of only the main hydraulic cylinder. (Air or diesel)