

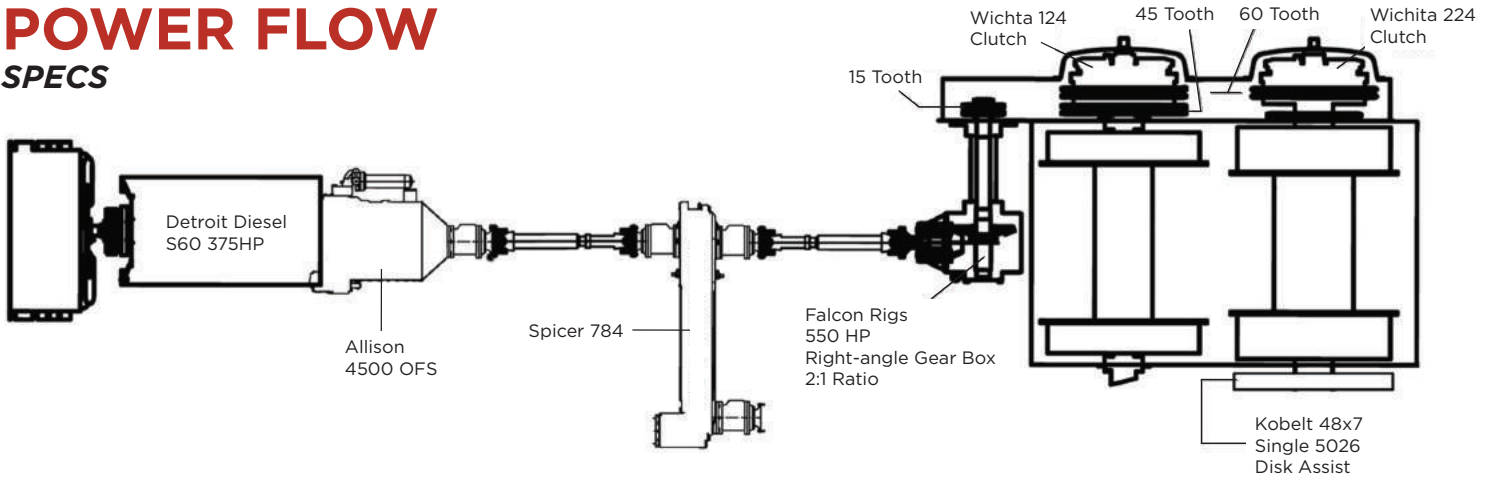


**FALCON
RIGS**

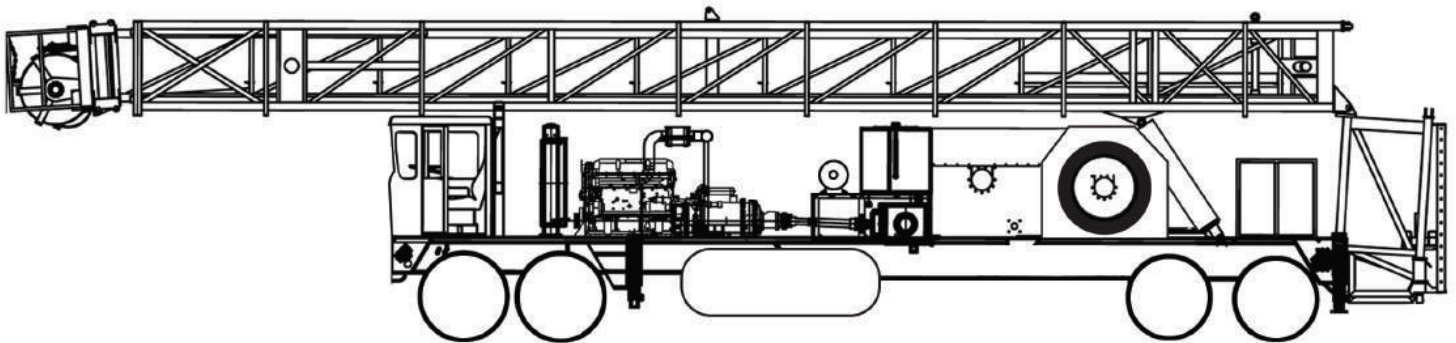


SR-350

POWER FLOW SPECS



RIG DIAGRAM





**FALCON
RIGS**



SR-350

Draw Works Model 350/42x12, 42x8

Main Drum

- Hardened overlaid demountable steel brake rims are 42in diameter x 12in wide.
- Drum shaft diameter is 6.5in. 1in wire line size standard.

Sand Line Drum

- Hardened overlaid demountable steel brake rims are 42in diameter x 8in wide
- Wire line capacity is 12,500ft of 9/16

Draw Works Features

- Water splash brake cooling
- Kobelt 5026 48x7 disc assist brake
- 1in Lebus grooving on main drum
- 124 Wichita Clutch on sand line drum
- 224 Wichita Clutch on main drum

Mast Model 96/180

(Double Tubing, Triple Rods)-(per API 4F)

- Four leg adjustable base
- Clear height is 96ft below crown
- Static hook load capacity on 4 lines 180,000lbs; 6 lines 205,000lbs
- 24in sheaves mounted on Timken double row bearings
- Racking platform capacity is 18,000ft of 2 7/8in tubing
- Hydraulic rams for raising and telescoping
- Adjustable work platform

OPTIONS

- Mast lighting
- Standpipes

Drive Train

- Standard Detroit Diesel Series 60 375hp (Caterpillar or Cummins optional)
- Allison 4500 OFS 6-speed transmission
- Spicer 784 Transfer Case
- Optional engine cover for weather protection

Carrier

- Standard four axle carrier
 - Front axles (rated at 22,000lbs each) have spring suspension
 - Rear axles (rated at 46,000lbs combined) have walking beam suspension
 - All axles monitored by a Bendix Anti-Lock Brake System
- #### OPTIONS
- Third (non-driving) rear axle with air bag lift suspension rated at 20,000lbs
 - Hydraulically raised operator's station

Controls and Hydraulic System

- Controls for all leveling jacks, mast raising and scoping cylinder, engine, transmission, main drum clutch, winch, and road to winch shifting are located in a stainless steel, control box for quick, easy rig-up.
- 50gpm hydraulic pump for all rig hydraulics and tong operation
- Filters provided on suction and return lines

Rig Options

- Hydraulic oil cooler for continuous use and hot climate applications
- Cold weather engine package with fuel, oil and coolant heaters
- Ventilated engine/transmission enclosure with removable doors