



# *Flushby Unit with COROD Gripper*

Weatherford's Flushby unit with COROD gripper merges the features of a pressure truck and a small rod rig, crucial in diagnosing and troubleshooting wells. Designed for rapid deployment and safe operation, the Flushby unit consists of a fluid tank, triplex pump, freestanding mast assembly, and full set of tools and safety equipment. The unit is compatible with vertical wellhead configurations for oil, gas, and coalbed methane (coal seam gas) wells.

The Flushby unit is smaller and faster than conventional workover rigs, yet equally capable of performing all types of light well servicing, especially diagnostics. When a well goes offline, the unit quickly troubleshoots problems such as tubing holes, failed or stuck pumps, and parted rods. The Flushby unit also performs all types of continuous and conventional sucker-rod service work. Once a problem is identified, the Flushby unit can immediately execute the required repair work, with the exception of tubing-based servicing, in which case a workover rig is called in to finish the job.

The Flushby unit with COROD gripper features a COROD injector that trips rod at a rate of up to 100 ft/min (30 m/min), enabling the unit to service continuous rod strings without the need for additional equipment. Daytime and nighttime operations are supported.



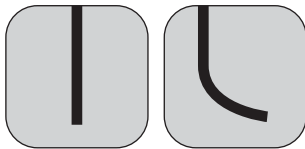
## *Applications*

- COROD continuous rod and conventional sucker rod interventions
  - Pulling and running rod strings
  - Fishing rod strings
  - Changing insert pumps (progressing cavity pumping (PCP) and reciprocating rod lift (RRL))
  - Changing plungers (RRL)
  - Changing rotors (PCP)
- Light well interventions
  - Killing wells
  - Flushing production wells
  - Changing wellhead valves
  - Changing driveheads
  - Changing stuffing boxes
  - Changing polish rods
  - Pressure-testing wells
  - Spacing and respacing rod strings

## Flushby Unit with COROD Gripper

### Features, Advantages and Benefits

- The built-in injector trips rod at a rate of up to 100 ft/min (30 m/min), ensuring minimal service time.
- The Flushby unit with COROD gripper is able to rig-in and rig-out within 30 minutes, and the freestanding mast operates independently of external guy lines, expediting the set-up process.
- The unit's compact, streamlined design is well-suited for tight, restrictive lease conditions and also helps reduce workers' exposure to equipment and on-site congestion, creating a safer work site.



Well-configuration compatibility.

### Specifications

Mast	
Height (ft, m)	58 17.7
Capacity (lb, kg)	50,000 22 680
Injector	
Maximum dynamic load (lb, kg)	15,000 6,804
Maximum static load (lb, kg)	30,000 13 608
Rod trip rate (ft/min, m/min)	100 30
Draw works (main winch)	
High gear capacity (lb, kg)	8,000 3629
Low gear capacity (lb, kg)	50,000 22 680
Triplex pump and fluid tank <sup>1</sup>	
Stroke length (in., cm)	5 13
Plunger diameter (in., cm)	3 8
Maximum flow rate (gpm, rpm)	138 522
Working pressure at maximum flow rate (psi, MPa)	1,750 12.1
Maximum working pressure (psi, MPa)	5,000 34.5
Maximum input (HP)	165
Tank capacity (barrels, m <sup>3</sup> )	56.6 9
Miscellaneous	
Blowout preventer rating, 3-in. rod (psi, MPa)	3,000 20.7
Blowout preventer rating, optional 4-in. rod (psi, MPa)	1,500 10.3

<sup>1</sup>If using Gardiner Denver TEED or equivalent.