

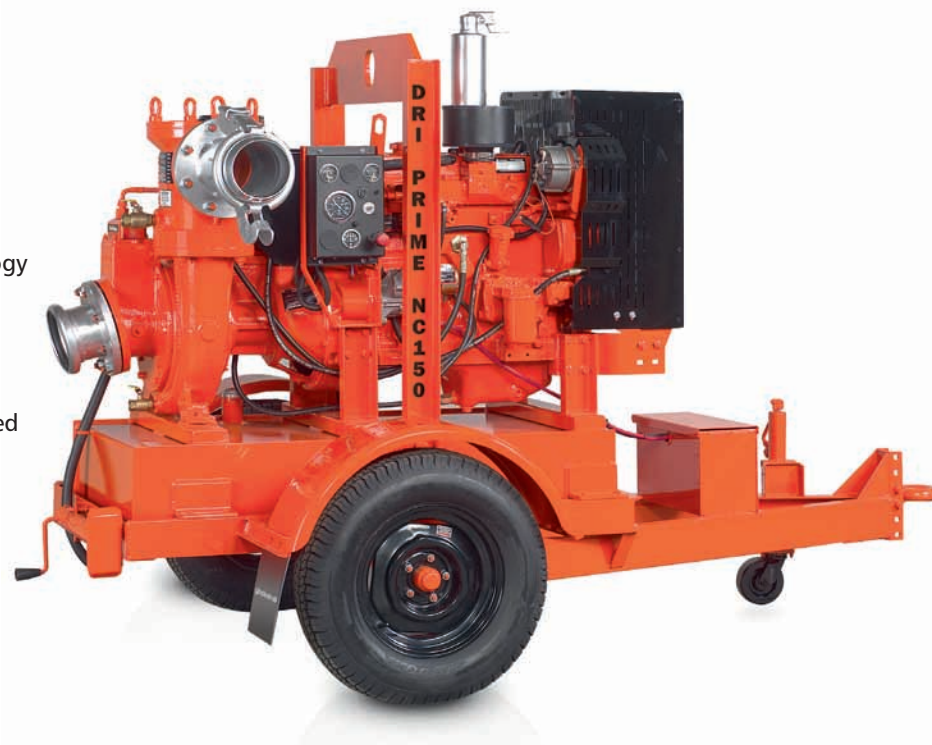
NC150

The Godwin Dri-Prime NC150 is an extremely powerful yet compact pump with flow capabilities up to 1,767 GPM (401 m³/h) and discharge heads up to 195 ft (59 m).

The NC150 features patented Flygt N-technology with an innovative self-cleaning hydraulic.

NC Series pumps are engineered to deliver sustained high efficiency resulting in lower energy and fuel costs while reducing unplanned downtime.

This makes the NC150 a best-in-class portable pump suitable for both sewage and clean water applications.



Features

- Dri-Prime automatic self-priming system that primes and re-primers from dry up to 28 ft (8.5 m) without operator assistance or foot valve control
- Incorporates Flygt N-technology for non-clog performance, sustained high efficiency and long-term energy/fuel savings
- Hard-Iron™ (60 HRC) impeller and insert ring
- Dry-running high-pressure oil bath mechanical seal with highly abrasion-resistant silicon carbide faces
- Close-coupled centrifugal pump mounted to a diesel engine or electric motor for easy pumpend or engine/motor changeover in the field

Options

- Diesel engine or electric motor
- Highway trailer or skid-mounted
- Quiet enclosure

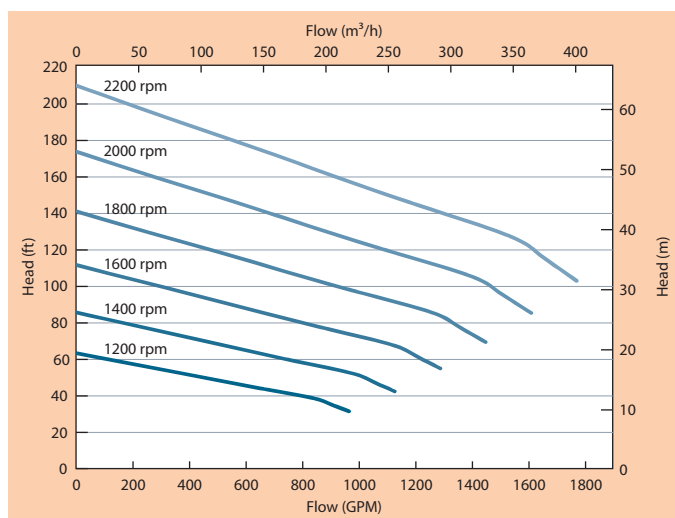
Specifications

Suction connection	6"	150 mm*
Delivery connection	6"	150 mm*
Max. capacity	1,767 GPM	401 m³/h
Max. head	195 ft	59 m
Max. impeller diameter	11"	286 mm
Max. operating temp.	176°F	80°C
Max. working pressure	69.6 psi	4.8 bar
Max. suction pressure	58.0 psi	4.0 bar
Max. casing pressure	104.4 psi	7.2 bar
Max. operating speed	2200 rpm	

*BS10 table 'D'

Available as Godwin DBS™ (Dri-Prime Backup System) for pump station backup.

Performance curve



Materials

Pump casing and suction cover	Cast iron BS1452:1990 grade 220
Rear wearplate	Cast iron BS1452:1990 grade 220
Pump shaft	Carbon steel BS970-3:1991 080M40
Impeller and insert ring	Hard-Iron™ (60 HRC)
Non-return valve body	Cast iron BS1452 grade 220
Mechanical seal faces	Silicon carbide vs. silicon carbide

Engine option 1

John Deere, 4045TF28068.3 HP @ 2000 rpm
 Impeller diameter 11" (286 mm)
Other engine options available on request

Suction lift table

Total suction head (ft)	Total delivery head (ft)				
	20	61	81	97	146
Output (GPM)					
9.8	1712	1614	1517	1296	196
15.1	1419	1419	1370	1272	196
20.0	1370	1223	1199	1076	147
24.9	1223	978	929	783	49

Fuel capacity (Full) 60 US Gal, (Usable) 60 US Gal
 Fuel consumption.....(@ 2000 rpm) BEP 3 US Gal/hour
 Weight.....(Dry) 1,836 lbs, (Wet) 2,337 lbs
 Dimensions (L) 118" × (W) 66" × (H) 72"

Engine option 2

John Deere, 4045TF29064.3 HP @ 1800 rpm
 Impeller diameter 11" (286 mm)

Suction lift table

Total suction head (ft)	Total delivery head (ft)				
	19	49	66	79	118
Output (GPM)					
9.8	1541	1453	1365	1167	176
15.1	1277	1277	1233	1145	176
20.0	1233	1101	1079	969	132
24.9	1101	881	837	704	44

Fuel capacity (Full) 60 US Gal, (Usable) 60 US Gal
 Fuel consumption.....(@ 2000 rpm) BEP 3 US Gal/hour
 Weight.....(Dry) 1,836 lbs, (Wet) 2,337 lbs
 Dimensions (L) 118" × (W) 66" × (H) 72"

