



### Location pompe Godwin CD 150M IMP280 "Capotée Insonorisée" "Système à Amorçage à Sec"

-Godwin Série Dri-Prime CD150M IMP280 -Pompe de Surface à Amorçage Automatique à sec avec hauteur d'aspiration jusqu'à 8.5 mètres! -Puissance : 63.7kw Thermique -Débit : 520 m<sup>3</sup>/h Max HMT Max:47 ML



**Marque :** GODWIN

**Référence :** CD150M IMP280

#### **Critères associés :**

*ENVIRONNEMENT :* ASSAINISSEMENT, CHANTIER BTP

*Type de FLUIDE :* Eaux claires, Eaux usées, Eaux chargées

*Type de LIQUIDE :* Liquides abrasifs

*INSTALLATION :* Surface

*ENERGIE :* Thermique

*PRESSION BAR :* 4 Bar

*DEBIT M3/H :* 550 m<sup>3</sup>/h

#### **Location pompe Godwin CD 150M IMP280**

La location de pompe de surface Godwin CD 150M IMP280 est idéale pour des opérations d'épuisement en carrières et sur les chantiers mais aussi pour réaliser des by-pass d'égout ou des interventions de pompage d'urgence lors d'inondations. Sa principale caractéristique réside dans sa conception de l'étanchéité par

garniture mécanique en bain de liquide qui autorise le fonctionnement à sec de la pompe au démarrage ou pendant le fonctionnement. Cette location de pompe d'épuisement de surface Godwin est conçue pour fonctionner dans des conditions difficiles, que ça soit pour de l'eau claire ou chargée de particules pouvant atteindre 75 mm.

**!! Rappel : Série CD avec des débits importants, des hauteurs de refoulement moyennes et une section de passage jusqu'à 125 mm**

# CD150M Dri-Prime® Hush-Pac

The Godwin Dri-Prime CD150M pump is an extremely powerful yet compact pump with flow capabilities to 520 m<sup>3</sup>/hr and discharge heads to 47 metres.

The CD150M features the unique Godwin high pressure oil bath mechanical seal design. This allows for dry running for prolonged periods while automatically priming and repriming. Able to perform in the toughest conditions, the CD150M can handle solids up to 75 mm in diameter. This makes it an extremely effective pump, suitable for both slurry and clean water applications. The powerful CD150M has proven itself a pump of choice for contractors, local authorities, industrial and environmental companies.



## Features and Benefits

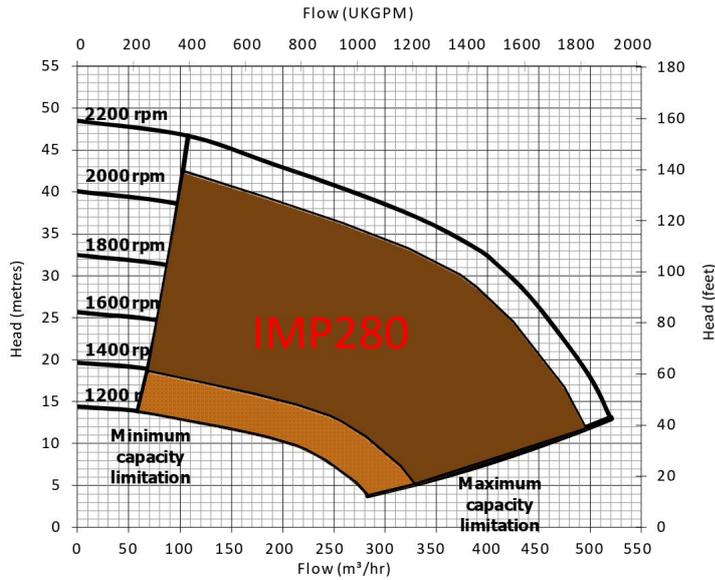
- Fully automatic priming from dry to 8.5 metres suction lift.
- Godwin Dri-Prime is a continuously operated Venturi air ejector priming device which requires no periodic adjustment or control.
- Extensive application flexibility. It will handle sewage, slurries and liquids with solids up to 75 mm in diameter.
- Dry-running high pressure oil bath mechanical seal, with high abrasion resistant silicon carbide faces.
- A Close-coupled centrifugal pump with Godwin Dri-Prime system mounted to a diesel engine or electric drive.
- All cast iron construction (stainless steel construction option available) with cast steel impeller.
- Also available as a openset or as a bare shaft pumpend.
- Standard build engines; Perkins 1104D-44TA, Perkins 404D-22, Perkins 1104D-44T, Perkins 404D-22T. Other engine options are available.

## Specifications

Suction connection	150 mm (6" BS10 Table 'D')
Delivery connection	150 mm (6" BS10 Table 'D')
<b>Débit Maxi</b>	<b>520 m<sup>3</sup>/hr</b>
<b>Hauteur Maxi</b>	<b>47 Mètres HMT</b>
Max Solids handling	75 mm
Max Impeller diameter	<b>280 mm</b>
Max operating temp	80 °C
Max working pressure	4.8 bar
Max suction pressure	4.0 bar
Max casing pressure	7.1 bar
Max operating speed	2200 rpm

[www.sepi-location.com](http://www.sepi-location.com)

## Performance Curve



## Materials

Pump casing & suction cover	Cast iron BS EN 1561 - 1997
Wearplates	Cast iron BS EN 1561 - 1997
Pump Shaft	Carbon steel BS 970 - 1991 817M40T
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Non-return Valve body	Cast iron BS EN 1561 - 1997
Mechanical Seal Faces	Silicon carbide vs silicon carbide

### Engine option 1

Price list ref - CD150M-01-DBH-004

Perkins, 1104D-44TA, 63.7 kW @ 2100 rpm

**Impeller diameter 280mm**

**Pump Speed 2100 rpm**

#### Suction Lift Table

Total Suction Head (metres)	Total Delivery Head (metres)				
	8	12	17	22	38
Output (m³/hr)					
3.0	497	479	457	415	131
4.6	479	468	447	395	105
6.1	452	441	431	384	89
7.6	420	410	394	374	-

Fuel capacity (Full) 330 litres, (Usable) 262 litres

Fuel consumption @ 2100 rpm BEP 17 litres/hour

Weight: (Dry) 2,010 kg, (Wet) 2,300 kg

Dimensions: (L) 2,890 x (W) 1,300 x (H) 2,100 mm

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

#### Av Sound Pressure Rating (dba)

Running Speed (rpm)	Distance		
	1m	3m	7m
1400	72	65	65
1800	76	69	66

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