



The pumps that set the standard

GODWIN DRI-PRIME® AND HEIDRA® PUMPS – THE BENCHMARK FOR RELIABILITY

godwin 
a xylem brand

When downtime is not an option

When there's fluid to move – and downtime is not an option – you want pumps you can trust. Whether it's a question of water, wastewater, or industrial fluids, Godwin pumps have earned a world-wide reputation for reliability. Here's why:

Automatic self-priming from dry

Godwin pumps prime and re-prime automatically from dry. In fact, they are so dependable, you can just turn them on and forget about them. This leads to significantly reduced costs for manually priming and repeated re-priming.

Robust design for rough handling

Godwin pumps are made from the bottom up to withstand the wear and tear of rental. That's why the pump-end has a close-coupled design and runs dry without damage. And that's also why the castings are 4 mm thicker compared to a permanently installed process pump.

Correct pump sizing

Reliable pumping is also a question of using the right size pump for the job. With the market's widest range of surface-mounted pumps, we make sure that the right Godwin pump is supplied to every application. This, together with the local and international expertise of TotalCare, ensure efficient pumping solutions.

System engineering excellence

Accurately predicting flows is key to designing reliable pumping systems. The system engineering competence built up by Godwin – the result of over 100 years of experience – is now rooted in Xylem.

Close by and available

And finally, reliability is about availability. You will find that Xylem is always close by, ready with pumps for rental or purchase, ready with service technicians to help you, and spares to keep your pumps pumping. We call it TotalCare services.

Where Godwin pumps are used:



Municipal

- Sewer bypass
- Digester cleaning and sludge removal
- Emergency drainage of floodwaters



Mining and quarrying

- Open pit and underground drainage
- Process water supply and transfer



Industrial

- Wastewater bypass
- Temporary fire pumps
- Temporary raw water supply



Construction and tunneling

- Site drainage
- Stream diversions
- Drill rig water supply



Oil and gas

- Tank cleaning
- Water supply for hydraulic fracturing
- Product transfer
- Pipeline pigging

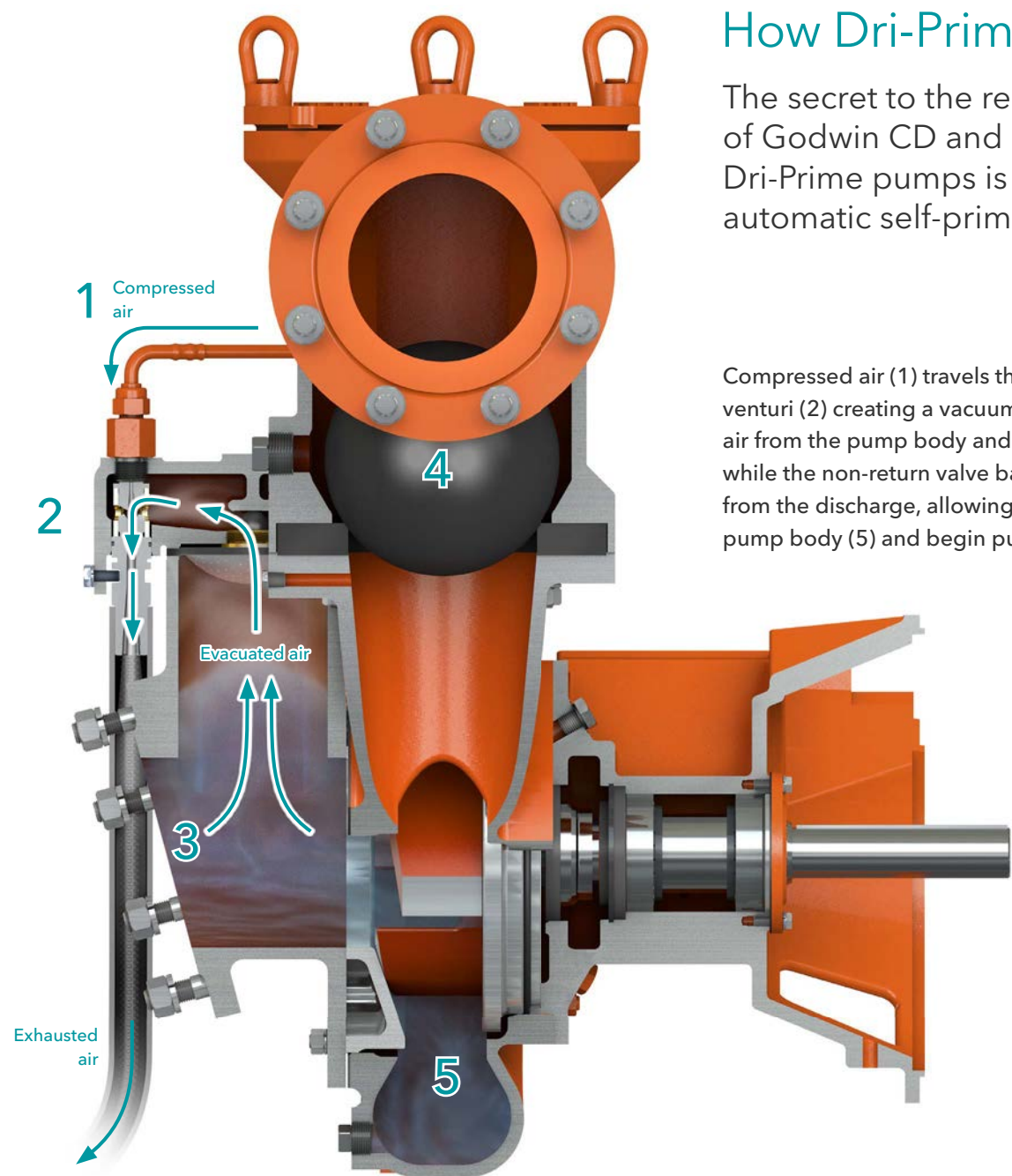


Marine

- Barge ballasting
- Jetting

How Dri-Prime® works

The secret to the reliability of Godwin CD and HL series Dri-Prime pumps is the automatic self-priming system.



Compressed air (1) travels through the Godwin venturi (2) creating a vacuum by evacuating air from the pump body and suction hose (3), while the non-return valve ball (4) seals out air from the discharge, allowing fluid to enter the pump body (5) and begin pumping.



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Dri-Prime – the features that set the standard

Godwin Dri-Prime pumps transport raw sewage, sludges and fluids with solids up to 125 mm in diameter. The pumps prime automatically from dry to 8.5 m of suction lift, and can run dry. Choose between the high volume, medium-head CD series and the medium volume, high head HL series.



Diesel powered

Equipped with a diesel engine for stand-alone operation, these pumps will work on any site, no matter how remote. All diesel engines meet the latest emissions regulations.



Electric powered

All CD and HL series Dri-Prime pumps are available with electric motors, for both temporary and permanent installation. Electric-powered pumps do not need refueling, the motor requires less servicing, and they reduce the carbon footprint of any project.

Dri-Prime = reduced labor costs and reliable operation

Automatic priming from dry up to 8.5 m without an operator or foot valve. With no moving mechanical parts in the priming device, Godwin Dri-Prime CD and HL series pumps will prime and re-prime from dry day after day.

Liquid bath mechanical seal = dry-running and reduced maintenance costs

Seals in pumps that often run dry can overheat and fail. Godwin mechanical shaft seals run in a liquid bath, which dissipates heat through the pump casing and allows the pump to run dry. This provides more reliable operation, frees operators from closely monitoring the pumps, while reducing maintenance costs.

Abrasion-resistant silicon carbide seal faces = trouble-free performance

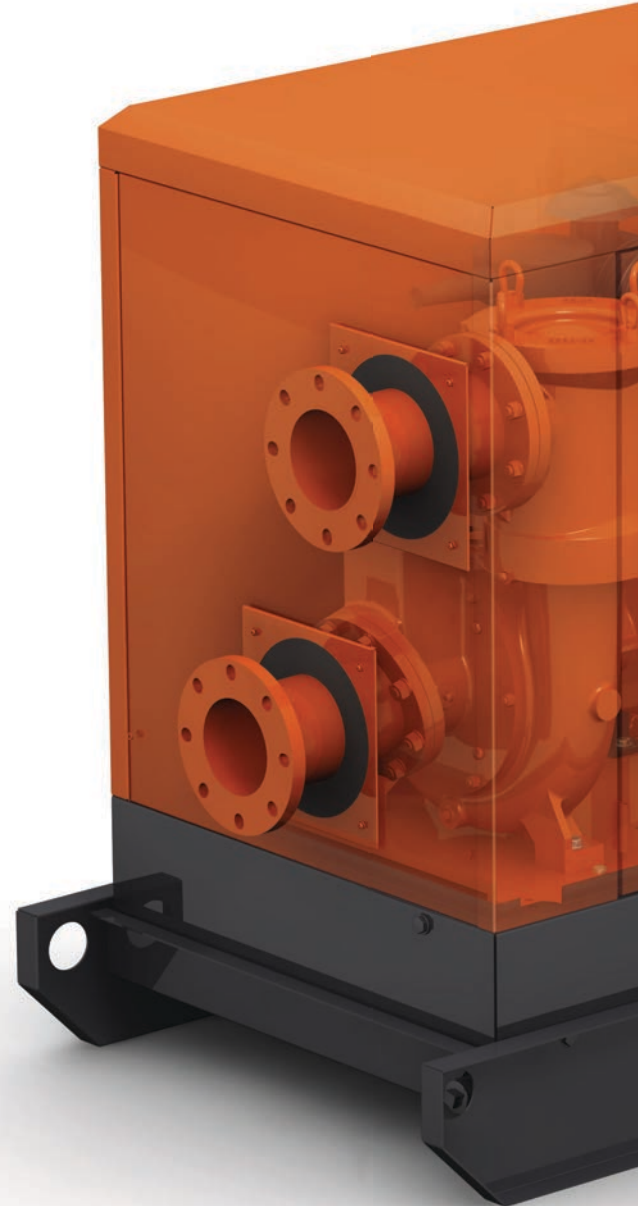
Godwin standard mechanical seals feature silicon carbide faces. They are highly resistant to abrasion and give you a long, trouble-free service lifetime.

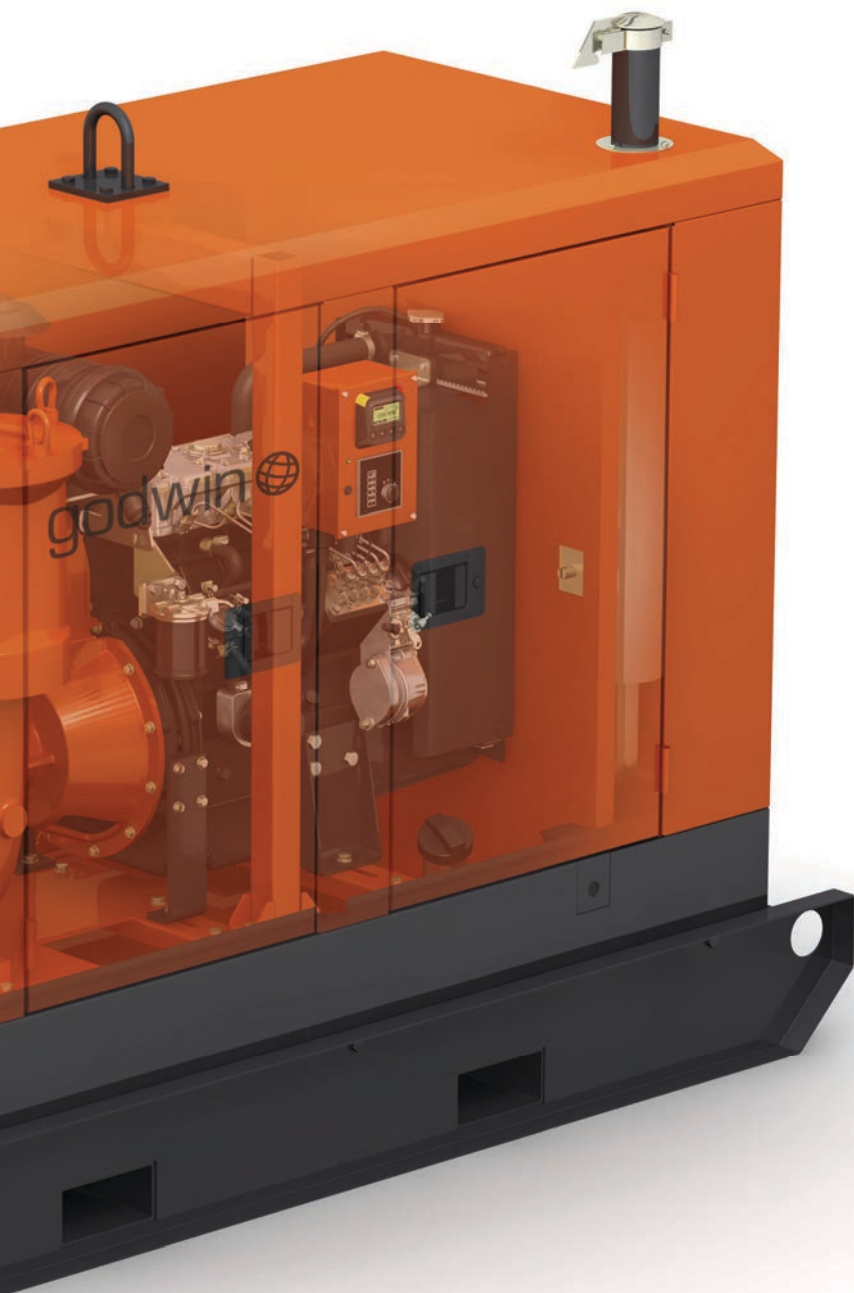
Open impeller = versatility and fewer stoppages

With their open impeller design, Godwin Dri-Prime pumps handle solids of up to 125 mm in diameter, reducing the risk of stoppages. The open impeller also means you can use Godwin pumps in a wide range of applications from water and wastewater, to drilling muds and industrial fluids.

Durable pump-end = long lifetime

Cast iron, the standard build, offers excellent durability. But different applications require greater resistance to abrasion, erosion or corrosion. That's why we offer a variety of other metals such as stainless steel, cast steel, hard iron and high chrome.





Stainless steel options = superior resistance to abrasion and erosion-corrosion

The pump-end is available with wetted parts in 316 or CD4MCu stainless steel for pumping liquids with pH values between 2 and 12. For pumping abrasive liquids, hardened wear plates are available as an option.

Balanced lifting = easy onsite installation

With a single lifting point and forklift pockets, it is easy to move Dri-Prime pumps around sites with standard construction equipment. Larger pumps weighing over 4,000 kg are equipped with four lifting points. Simple to install, regardless of the environment, you can have your pumps up and running quickly.

Overnight fuel tank = reduced labor costs

Diesel driven Dri-Prime pumps can run overnight without the need to refuel – a real saving in labor costs.

Quiet enclosure = ideal for any environment

Pumps are available with a sound attenuated enclosure that reduces operating noise – ideal for use in residential and densely populated areas where operating noise is an issue.

Skid- or trailer-mounted = high mobility

The skid-mounted pumps are designed for convenient maneuvering with a forklift, while the trailer-mounted pumps are built for road and highway transportation using standard construction vehicles.



Variable speed operation = flexibility of use and energy savings

The pumps can operate at various duty points, enabling you to use the same pump for different tasks. By matching the engine or motor speed to each job results in substantial fuel/energy savings.

Intelligent control panel = automatic operation

The intelligent control panel enables automatic operation, minimizing the need for manual monitoring. This, together with level control floats, provides increased fuel efficiency, reduced operating costs, plus greater peace of mind.

Close-coupled design = easy to service pump-end

The close-coupled design of the pump makes alignments unnecessary, which means that you benefit from simple pump-end changeover in the field.

Compact design = longer seal and bearing lifetime

The close-coupling of the impeller and engine/motor reduces shaft deflection at the seals. This results in lower vibration, quieter operation, as well as longer seal and bearing lifetime.

Double-walled and bunded fuel tanks = environmental protection

Fuel tanks for pumps fitted with quiet enclosures are double-walled for environmental protection. Open set pumps feature a bunded fuel tank to catch any spillage associated with fueling the diesel engine. This makes Godwin Dri-Prime pumps safe and easy to transport and store.

Godwin Dri-Prime CD series

High volume, medium head,
large solids-handling

The CD series at a glance:

- Flow: 80 to 3,500 m³/h
- Solids handling: 125 mm
- Head: 32 to 60 meters
- Elevated head pumps:
three models with heads
up to 85 meters



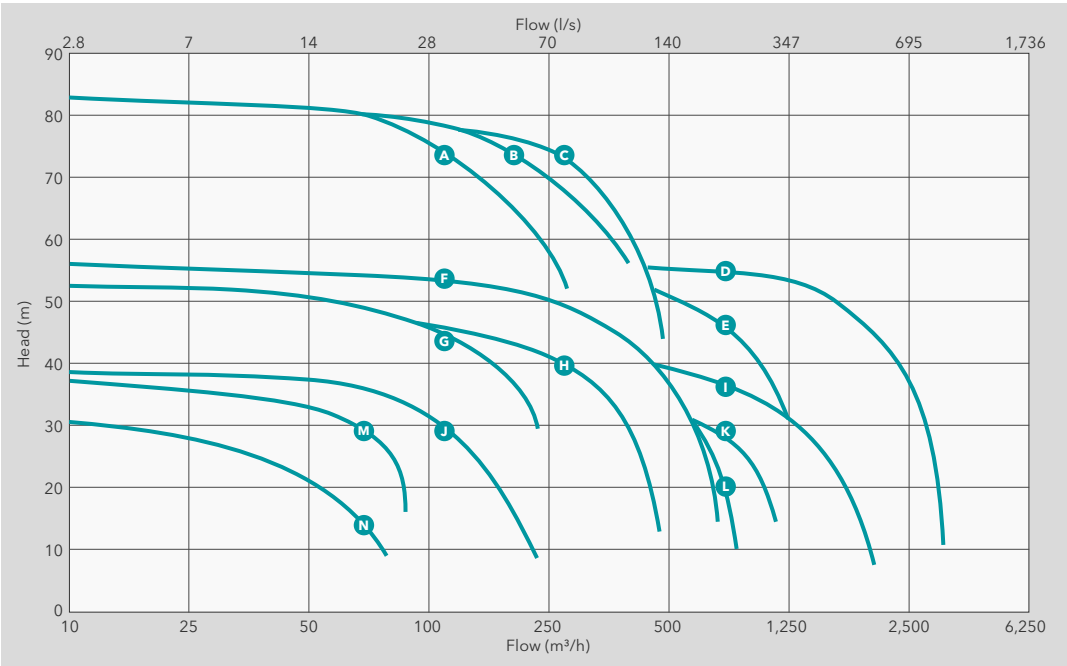
Specifications

		CD75	CD80D	CD100M	CD103M	CD150M	CD225M
Diesel standard	Suction [mm]	50	80	100	100	150	200
	Discharge [mm]	50	80	100	100	150	200
	Solids handling [mm]	40	40	45	75	65	75
	Diesel engine*	Yanmar L100 AE	Kubota Z482	Perkins 403D	Perkins 404D-22T	Perkins 1104-44TA	Perkins 1106D-E66TA
	Fuel capacity [l]	5	72	72	170	390	475
	Operating speed [rpm]	1500 to 2500	1400 to 2000	1200 to 2000	1200 to 2000	1200 to 2100	1200 to 2200
	Consumed power [kW]	2 to 4	2 to 3.5	3 to 14	5 to 30	7 to 50	10 to 100
	Standard mount	Trolley	Skid	Skid	Skid	Skid	Skid
	Dimension L x W x H [mm]	1077x652x800	1300x784x1510	1300x680x1900	1800x1000x1900	2500x1300x1900	2950x1300x1900
	Weight with fuel [kg]	150	569	1050	1139	2131	3100
Quiet enclosure	dB(A) at 7 m	N/A	54	64	65	66	68
	Standard mount	N/A	Skid	Skid	Skid	Skid	Skid
	Dimension L x W x H [mm]	N/A	1621x853x1333	1940x1050x1500	2190x1050x1500	2890x1300x1800	3300x1300x1887
	Weight with fuel [kg]	N/A	725	1168	1400	2300	3100
Electric standard	Rating [kW]	15	15	7,5	15	22	30
	Voltage [V/phase]	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~
	Rated current [A]	29	29	15	29	41	54
	Operating speed [rpm]	1450 or 2900	1450 or 2900	1450	1450	1450	1450
	Dimension L x W x H [mm]	1300x480x900	1350x564x1025	1200x740x1260	1600x740x1260	1500x900x1100	1750x1140x1300
	Weight [kg]	306	390	500	590	625	910

* Engines from John Deere, Cummins and other manufacturers are available on request.

Performance curves

- A CD140M
- B CD160M
- C CD180M
- D CD500M
- E CD300M
- F CD225M
- G CD103M
- H CD150M
- I CD400M
- J CD100M
- K DPC300
- L CD250M
- M CD80D
- N CD75



Composite curves for comparison purposes only. Consult engineering data for exact flow and head capabilities.

					ELEVATED HEAD			
	CD250M	DPC300	CD300M	CD400M	CD500M	CD140M	CD160M	CD180M
	250	300	300	450	500 / 600	100	150	200
	250	300	300	400	450	100	150	150
	75	95	95	125	80	75	75	75
	Perkins 1106D-E66TA	Perkins 1106D-E66TA	Caterpillar C9	Caterpillar C9	Caterpillar C18	Perkins 1104D-E44TA	Perkins 1106D-E66TA (129)	Perkins 1106D-E66TA (129)
	475	850	850	550	1130	390	475	475
	1200 to 2200	800 to 1200	1300 to 1800	900 to 1200	800 to 1100	1200 to 2000	1200 to 2000	1200 to 2000
	15 to 95	27 to 120	65 to 180	80 to 180	120 to 460	10 to 78	17 - 105	20 - 110
	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid
0	2950×1300×1900	3700×1700×2200	3700×1700×2200	5000×2205×2405	5400×2670×2500	2500×1300×1900	2950×1300×1900	2950×1300×1900
	3195	4314	5 531	7 750	11 750	2 060	2 780	2 758
	68	N/A	70	N/A	N/A	66	68	68
	Skid	N/A	Skid	N/A	N/A	Skid	Skid	Skid
7	3350×1300×1887	N/A	4580×2065×2545	N/A	N/A	2890×1300×1800	3350×1300×1887	3350×1300×1887
	3350	N/A	6620	N/A	N/A	2500	3455	3400
	30	75	90	90	350	30	45	45
	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~
	54	131	157	157	588	54	80	80
	1450	960	1450	960	960	1450	1450	1450
0	1750×1200×1300	2500×1300×1500	3250×1550×1900	4160×2100×2100	5200×2450×3000	1700×1140×1250	1850×1140×1250	1850×1140×1250
	945	2750	3100	6200	9525	1210	1560	1600

With reservation for changes. For additional specifications, see product technical documentation.

Godwin Dri-Prime HL series

Medium volume, high head,
solids-handling

The HL series at a glance:

- Flow: 107 to 1,200 m³/h
- Solids handling: 65 mm
- Head: 100 to 160 meters
- Extreme high head pumps: three models with heads up to 193 meters with a single-stage impeller



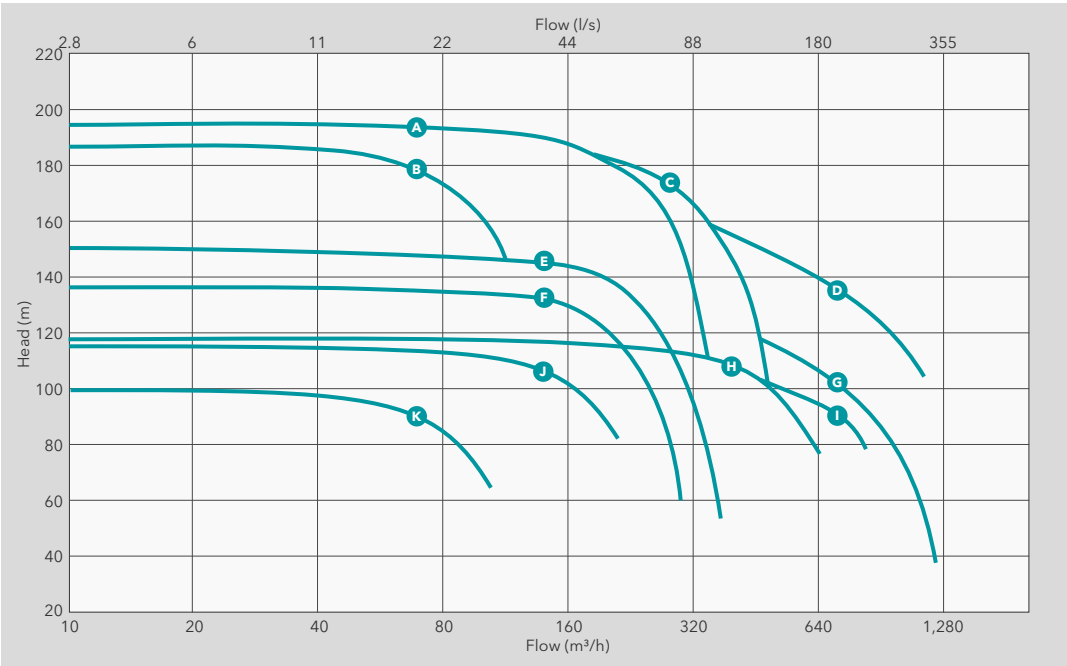
Specifications

		HL80M	HL100M	HL125M	HL150M
Diesel standard	Suction [mm]	100	100	150	150
	Discharge [mm]	80	100	100	150
	Solids handling [mm]	25	35	35	35
	Diesel engine*	Perkins 1104-44T	Perkins 1104D-E44TA	Perkins 1106D-E66TA (129)	Perkins 1106-E66TA (168)
	Fuel capacity [l]	390	390	475	475
	Operating speed [rpm]	1400 to 2100	1400 to 2000	1400 to 2200	1400 to 2200
	Consumed power [kW]	8 to 55	12 to 72	10 to 135	15 to 180
	Standard mount	Skid	Skid	Skid	Skid
	Dimension L x W x H [mm]	2500×1300×1900	2500×1300×1900	2950×1300×1900	2950×1300×1900
	Weight with fuel [kg]	2030	2200	2600	3012
Quiet enclosure	db(A) at 7 m	65	66	68	71
	Standard mount	Skid	Skid	Skid	Skid
	Dimension L x W x H [mm]	2890×1300×1800	2890×1300×1800	3350×1300×1887	3350×1300×1887
	Weight with fuel [kg]	2200	2450	3200	3400
Electric standard	Rating [kW]	15	30	30	45
	Voltage [V/phase]	400/3~	400/3~	400/3~	400/3~
	Rated current [A]	28,1	54	54	80
	Operating speed [rpm]	1450	1450	1450	1450
	Dimension L x W x H [mm]	1500×800×1200	1800×980×1295	1825×980×1295	2005×1150×1450
	Weight [kg]	685	1200	1225	1685

* Engines from John Deere, Cummins and other manufacturers are available on request.

Performance curves

- A HL130M
- B HL110M
- C HL160M
- D HL260M
- E HL150M
- F HL125M
- G HL250M
- H HL200M
- I HL225M
- J HL100M
- K HL80M



Composite curves for comparison purposes only. Consult engineering data for exact flow and head capabilities.

				EXTREME HIGH HEAD			
	HL200M	HL225M	HL250M	HL110M	HL130M	HL160M	HL260M
	200	250	300	100	150	200	250
	150	200	250	80	100	150	200
	38	65	65	20	22	35	50
8)	Caterpillar C9	Caterpillar C15	Caterpillar C15	Perkins 1106D-E66TA (129)	Caterpillar C9	Caterpillar C15	Volvo TAD1643VE
	850	850	685	390	850	685	685
	1200 to 2100	1200 to 2000	1200 to 2000	1400 to 2200	1200 to 2000	1200 to 2000	1200 to 1800
	25 to 220	30 to 275	40 to 305	20 to 105	30 to 240	30 to 300	60 to 560
	Skid	Skid	Skid	Skid	Skid	Skid	Skid
	3700×1700×2200	3700×1700×2200	4000×1950×2220	2500×1300×1900	3700×1700×2200	5000×2205×2210	4300×1980×2525
	4750	6236	6330	3000	5331	6440	6900
	70	64	64	68	70	64	N/A
	Skid	Skid	Skid	Skid	Skid	Skid	N/A
	4580×2065×2545	5500×2700×2500	5500×2700×2500	3350×1300×1887	4580×2065×2545	5500×2700×2500	N/A
	5968	9050	9200	3600	6550	9200	N/A
	75	110	132	37	75	132	280
	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~
	131	191	229	66	131	229	470
	1450	1450	1450	1450	1450	1450	1450
	2550×1450×1750	2800×1510×1800	3000×1510×1800	2015×1150×1450	2680×1450×1750	3000×1510×1800	4000×1750×1900
	2400	2950	3100	1700	2500	3125	4750

With reservation for changes. For additional specifications, see product technical documentation.

Electric and efficient

More and more pump operators, site managers and engineers are selecting electric-powered Dri-Prime pumps.

Designed for long lasting durability, electric drive pumps are ideally suited for both temporary pumping and permanent installations where electric power is readily available.

All Godwin CD and HL series Dri-Prime pumps can be supplied with electric motors. The flow and head performance of electric-powered pumps can be matched to meet the performance of all diesel-powered versions.

Reduced operating costs

Electric-powered pumps require no engine-oil maintenance or battery service. With extended service intervals, they reduce both operating and maintenance costs. A permanently installed electric drive Godwin

Electric drive benefits:

- » Less maintenance
- » Quiet operation
- » Reduced carbon footprint
- » Automated controls

Dri-Prime pump is perfect for industrial and municipal applications, providing efficient, long life operation.

Customize for special applications

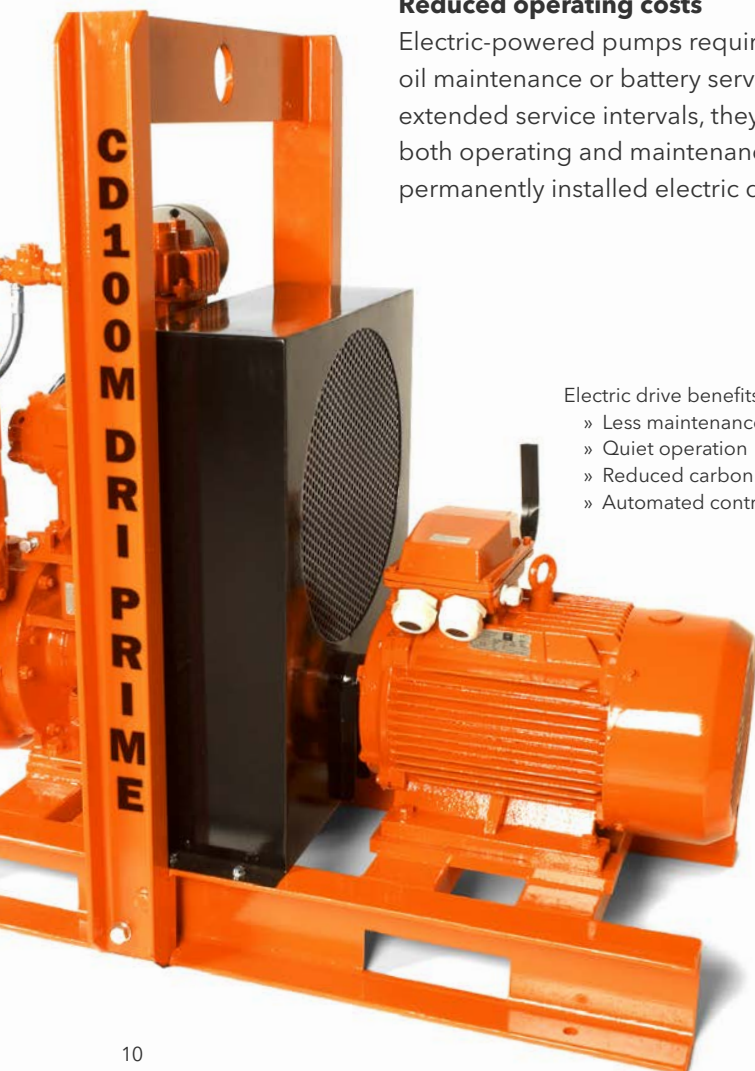
Electric-powered pumps can be customized using a wide range of speed settings and impeller trims.

More control

Automated controls are easily installed and reduce labor costs by automatically starting and stopping the pump. Using a Variable Frequency Drive (VFD) you can control motor speeds to reach the required duty point, and then decelerate pump speeds on shutdown to prolong the lifetime of the pump and motor.

Options

- Soft starters
- VFDs - Variable Frequency Drives
- Manual control panels
- Automatic control panels



Permanently installed electric drive Dri-Prime pumps moving effluent from a secondary trickling filter to a chlorination chamber and then discharge.

Quiet and protected

When you need to operate pumps in residential or densely populated areas, noise levels can be a concern.

Godwin Hush-Pac enclosures are effective. For example, a CD225M open set pump generates 90 dB(A), but just 65 dB (A) at 7 m with an enclosure. That's so quiet, you can hold a conversation standing beside it.

The quality is in the build

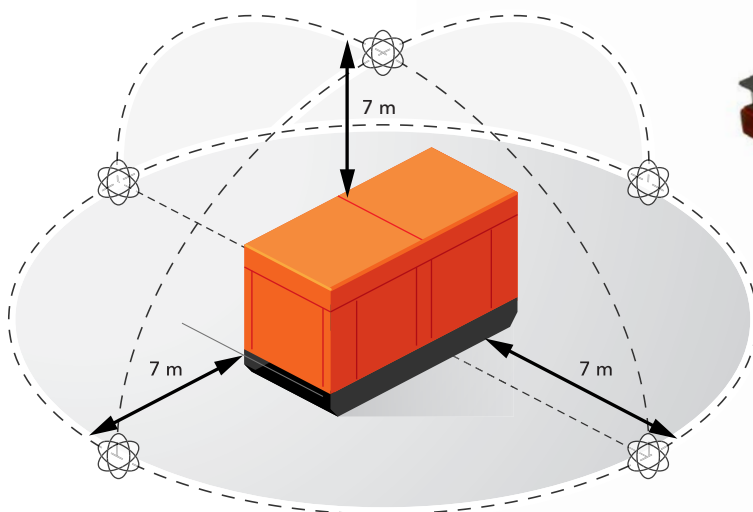
Godwin quiet enclosures consist of sheet metal lined with 25 mm and 50 mm layers of polydamp acoustical sound-deadening material. To further reduce operating noise, the engine features a critical-grade engine silencer, isolated engine vibration and silenced priming exhaust.

Protective enclosure

The enclosure provides protection against weather. Lockable doors add security against theft or jobsite vandalism.

Double-walled fuel tanks

Fuel tanks for pumps fitted with quiet enclosures are double-walled for environmental protection.



Graphic showing sound pressure reading location.



Hush-Pac quiet enclosures are available for most diesel- and electric-powered Dri-Prime and Heidra pumps.

Heidra – the hydraulic submersible

When the suction lift is greater 8.5 m, Heidra pumps take over where Dri-Prime pumps leave off. Heidra hydraulic submersibles are basically Dri-Prime pumps that have been engineered to work submerged in the liquid they pump. Tough and reliable, Heidra pumps are designed for general pumping of light slurries and municipal sludges.

Liquid bath mechanical seal = dry-running and reduced maintenance costs

Seals in pumps that often run dry can overheat and fail. Godwin mechanical shaft seals run in a liquid bath, which dissipates heat through the pump casing and allows the pump to run dry. This provides more reliable operation, frees operators from closely monitoring the pumps, while reducing maintenance costs.

Durable pump-end = long lifetime

Cast iron, the standard build, offers excellent durability. But different applications require greater resistance to abrasion, erosion or corrosion. That's why we offer a variety of other metals such as stainless steel, cast steel, hard iron and high chrome.

Open impeller = versatility and fewer stoppages

With their open impeller design, Godwin Heidra pumps handle solids of up to 125 mm in diameter, reducing the risk of stoppages. The open impeller also means you can use Godwin pumps in a wide range of applications from water and wastewater, to drilling muds and industrial fluids.

Double seals = trouble-free operation

The double mechanical face seals - with the upper seal in carbon and lower seal in silicon carbide - are specified for reliable and trouble-free performance.

Vortex impeller = excellent solids handling

A vortex impeller is available on Heidra 150V and 150VSG models. With its semi-recessed design, a vortex impeller can handle solids of up to 125 mm in diameter.

Independent bearings = maximum performance

The pump bearings are independent from the hydraulic motor. This means that stress associated with pump loads will not affect the performance of the hydraulic motor.

Stainless steel options = superior resistance to abrasion and erosion-corrosion

The pump-end is available with wetted parts in 316 or CD4MCu stainless steel for pumping liquids with pH values between 2 and 12. For pumping abrasive liquids, hardened wear plates are available as an option.

Slurry gate = built-in mixer for heavy sludges

With a built-in slurry gate, the pump can first agitate solids into suspension before pumping them away. This is ideal in applications such as solids-laden sludges found in wastewater treatment plant digesters, environmental clean-ups and oil refinery applications. The remotely-operated slurry gate is available on Heidra 100SG, 150SG, 150MRSG, 150VSG and 200SG.





Intelligent control panel = automatic operation

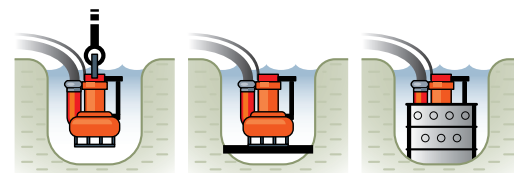
The intelligent control panel enables automatic operation, minimizing the need for manual monitoring. This, together with level control floats, provides increased fuel efficiency, reduced operating costs, plus greater peace of mind.

Hydraulic drive = spark-free operation for hazardous environments

The hydraulic powerpacks can be positioned up to 40 m away from the submersible pumps. This means that Heidra pumps can be used in oil and gas production, petrochemical, and nuclear plant applications where spark-free tools are required.

Temporary installation

Just position it right and start pumping.



1. Suspended

(Not by hydraulic hose)

2. Supported

3. Surrounded

Overnight fuel tank = reduced labor costs

The diesel-driven hydraulic powerpacks can run overnight without the need to refuel – a real saving in labor costs.

Diesel-powered = remote operation

Equipped with a diesel engine for stand-alone operation, these pumps will work on any site, no matter how remote. All diesel engines meet the latest emissions regulations.

Electric-powered = reduced costs

All Heidra pumps can be powered by electric motor powerpacks. Electric powerpacks do not need refueling, the motor requires less servicing, and they reduce the carbon footprint of any project. Available with soft starts and VFDs for variable speed control.

Variable speed operation = flexibility of use and energy savings

The pumps can operate at various duty points, enabling you to use the same pump for different tasks. By matching the engine or motor speed to each job results in substantial fuel/energy savings.

Balanced lifting = easy onsite installation

With a single lifting point and forklift pockets, it is easy to move Heidra pumps around sites with standard construction equipment. Simple to install, regardless of the environment, the pumps will be up and running quickly.

Skid- or trailer-mounted = high mobility

The skid-mounted pumps are designed for convenient maneuvering with a forklift, while the trailer-mounted powerpacks are built for road and highway transportation using standard construction vehicles.

Quiet enclosure = ideal for any environment

All pumps are available with a sound attenuated enclosure that reduces operating noise – ideal for use in residential and densely populated areas where operating noise is an issue.

Heidra submersible pumps

High volume, vortex, high head and slurry gate versions

The Heidra series at a glance:

- Flow: 80 to 1,368 m³/h
- Solids handling: 125 mm
- Head: 25 to 140 meters



Specifications

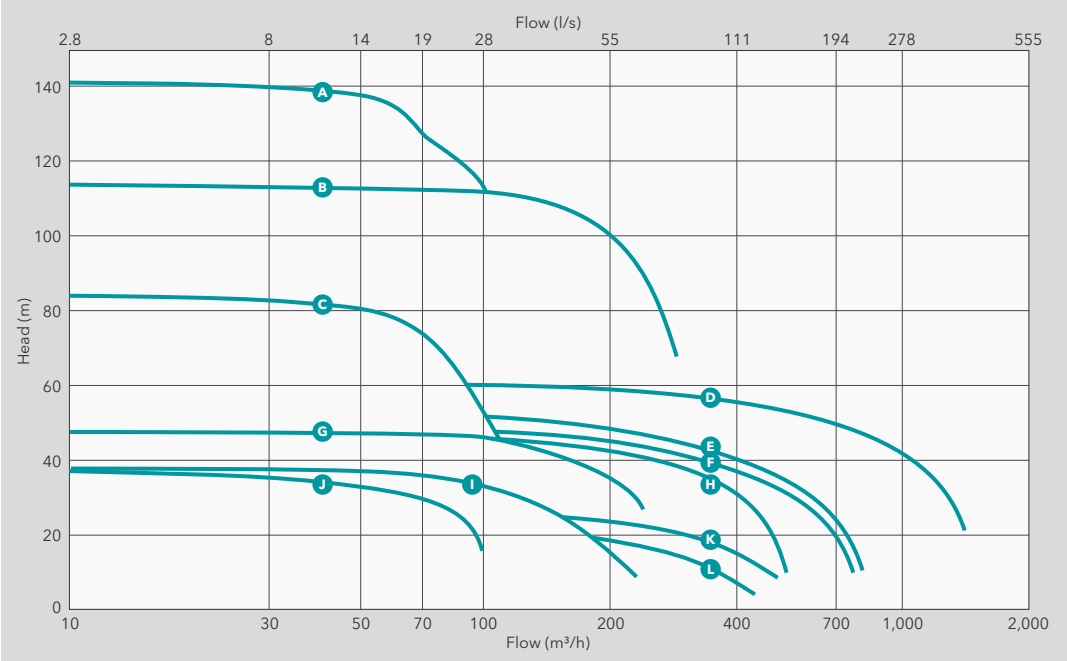
		Heidra 80	Heidra 100TD	Heidra 103	Heidra 150	Heidra 150MR	Heidra 150V	Heidra 200
Pumpend	Discharge [Size]	3" BSP	4" BSP	4" BSP	6" BSP	6" BSP	6" BSP	200
	Solids handling [mm]	40	45	75	65	65	125	75
	Hydraulic motor	Gear	Gear	Gear	Gear	Gear	Gear	Piston
	Drive pressure (bar)	250	250	250	250	250	250	250
	Operating speed [rpm]	1600 to 2200	1600 to 2200	1600 to 2200	1600 to 2200	1600 to 2200	1500 to 2200	1600 to 2200
	Consumed power [kW]	1 to 5.5	4 to 20	20 to 25	15 to 25	30 to 65	30 to 65	35 to 95
	Dimension L×W×H [mm]	400×354×558	485×420×581	500×514×647	680×520×570	680×520×570	577×514×816	755×721×1250
	Weight [kg]	70	75	130	152	142	161	354
Diesel powerpack	Power pack model	GHPU10	GHPU10	GHPU30	GHPU15	GHPU30	GHPU30	GHPU50
	Diesel engine*	Kubota Z482	Perkins 403D-15	Perkins 404D-22T	Perkins 404D-22	Perkins 1104D-44T	Perkins 1104D-44T	Perkins 1104D-E44TA
	Fuel capacity [l]	72	158	170	170	390	390	390
	Standard mount	Skid	Skid	Skid	Skid	Skid	Skid	Skid
	Dimension L×W×H [mm]	1300×680×1900	1300×680×1900	1800×1000×1900	1800×520×570	2500×1300×1900	2500×1300×1900	2500×1300×1900
	Weight with fuel [kg]	810	945	1136	1052	2250	2250	2250
Quiet enclosure	dB(A) at 7 m	54	64	65	64	65	65	68
	Standard mount	Skid	Skid	Skid	Skid	Skid	Skid	Skid
	Dimension L×W×H [mm]	1300×680×1900	2330×1205×2111	2190×1050×1500	2190×1050×1800	2890×1300×1800	2890×1300×1800	2890×1300×1800
	Weight with fuel [kg]	900	1050	1300	1200	2500	2300	2400
Electric powerpack	Rating [kW]	7,5	22	45	22	75	75	110
	Voltage [V/phase]	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~
	Rated current [A]	21	41	80	41	131	131	191
	Operating speed [rpm]	1450	1450	1450	1450	1450	1450	1450
	Dimension L×W×H [mm]	1245×564×1025	1500×900×1100	2000×650×1050	1500×900×1100	2450×1050×1750	2450×1050×1750	2600×1110×1800
	Weight [kg]	580	700	780	700	2100	2100	2650

* Engines from John Deere, Cummins and other manufacturers are available on request.

Performance curves

- A Heidra 110HH
- B Heidra 150HH
- C Heidra 80HH
- D Heidra 300
- E Heidra 250
- F Heidra 200 / SG**
- G Heidra 103
- H Heidra 150MR /150MRSG**
- I Heidra 100TD /100SG**
- J Heidra 80
- K Heidra 150V /150VSG**
- L Heidra 150 /150SG**

** Performance curves for slurry gate (SG) versions are the same as standard Heidra pumps.



Composite curves for comparison purposes only. Consult engineering data for exact flow and head capabilities.

		SLURRY GATE					HIGH HEAD			
	Heidra 250	Heidra 300	Heidra 100SG	Heidra 150SG	Heidra 150MRSG	Heidra 150VSG	Heidra 200SG	Heidra 80HH	Heidra 150HH	Heidra 110HH
	250	300	100	150	150	150	200	75	150	80
	75	95	45	65	65	125	75	25	35	20
	Piston	Variable Piston	Gear	Gear	Gear	Gear	Gear	Gear	Variable Piston	Piston
	250	310	250	250	250	250	250	250	250	250
D	1600 to 2200	1200 to 1800	1600 to 2200	1600 to 2200	1600 to 2200	1500 to 2400	1600 to 2200	1400 to 2000	1600 to 2200	1600 to 2000
	35 to 95	60 to 190	4 to 20	15 to 105	14 to 65	15 to 105	20 to 95	10 to 60	20 to 133	40 to 120
	755×721×1250	1401×1052×1830	480×580×700	700×650×800	700×650×800	577×514×816	755×721×1250	451×506×715	664×770×1275	730×680×1290
	362	945	145	170	172	161	354	160	190	430
	GHPU50	GHPU90	GHPU10	GHPU15	GHPU30	GHPU15	GHPU50	GHPU30	GHPU50	GHPU50
A	Perkins 1106D-E66TA	Caterpillar C9	Perkins 403D-15	Perkins 404D-22	Perkins 1104D-44T	Perkins 1104D-44T	Perkins 1104D-E44TA	Perkins 1104D-44T	Perkins 1106D-E66TA	Perkins 1106D-E66TA
	850	685	158	170	390	390	390	390	850	850
	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid
x	2950×1300×1900	3700×1700×2200	1300×680×1900	1800×520×570	2500×1300×1900	2500×1300×1900	2500×1300×1900	2500×1300×1900	2950×1300×1900	2950×1300×1900
	2598	5325	1050	1052	2250	2250	2250	2250	2598	2598
	68	70	64	64	65	65	68	65	68	68
	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid	Skid
x	3350×1300×1887	4580×2065×2545	1940×1050×1500	2190×1050×1800	2890×1300×1800	2890×1300×1800	2890×1300×1800	2890×1300×1800	3350×1300×1887	3350×1300×1887
	3350	6920	1180	1200	2500	2500	2400	2500	3350	3350
	110	200	22	22	75	75	110	75	110	110
	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~	400/3~
	191	360	41	41	131	131	191	131	191	191
	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
x	2600×1110×1800	3500×16500×2000	1500×900×1100	1500×900×1100	2450×1050×1750	2450×1050×1750	2600×1110×1800	2450×1050×1750	2600×1110×1800	2600×1110×1800
	2650	5100	700	700	2100	2100	2650	2100	2650	2650

With reservation for changes. For additional specifications, see product technical documentation.

More intelligence – less operator supervision

Intelligent controllers minimize the need for onsite supervision while providing operators with valuable data to monitor how the pumps are performing.

PrimeGuard™

PrimeGuard is a fully programmable microprocessor control system. Its many features include service alerts and SCADA integration. With PrimeGuard your Godwin Dri-Prime pump can start and stop automatically with no operator intervention required. This is made possible by registering input from level, flow or pressure transducers or floats.

- Automatic start/stop without operator intervention
- Remote start/stop capabilities
- Maintains oil and filter schedule, alerting operator when service is required
- Stores history of all warning alarms
- Digital controls
- Password protected security levels
- 8 programmable relays (sensors)
- 66 selectable features, incl. pump running, pump failure, etc
- Communication ports for SCADA integration and alarm agents
- Warm-up and cool-down cycles



PrimeGuard is available as an option on all CD and HL series Dri-Prime pumps with diesel engine ratings greater than 140 kW.



Powerview

Powerview

Powerview is our standard digital control panel

- Digital display shows engine speed, oil pressure, fuel rate, warnings and operating hours providing easy access to all operating data
- Automatic operation mode with start/stop triggered from floats eliminates operator assistance and reduces labor costs
- Throttle control allows operator to manually control pump speed according to flow
- Zintec steel casing and weather-resistant electrical connections for reliable performance

Control options for electric-driven Dri-Prime and Heidra pumps

- Soft starters
- VFD – Variable Frequency Drive
- Manual control panels
- Automatic control panels

Faster installation and smoother operation

Simplify installation and everyday operations
with our extensive range of accessories.

Suction hoses



Discharge hoses



Suction hoses with
fitted strainers

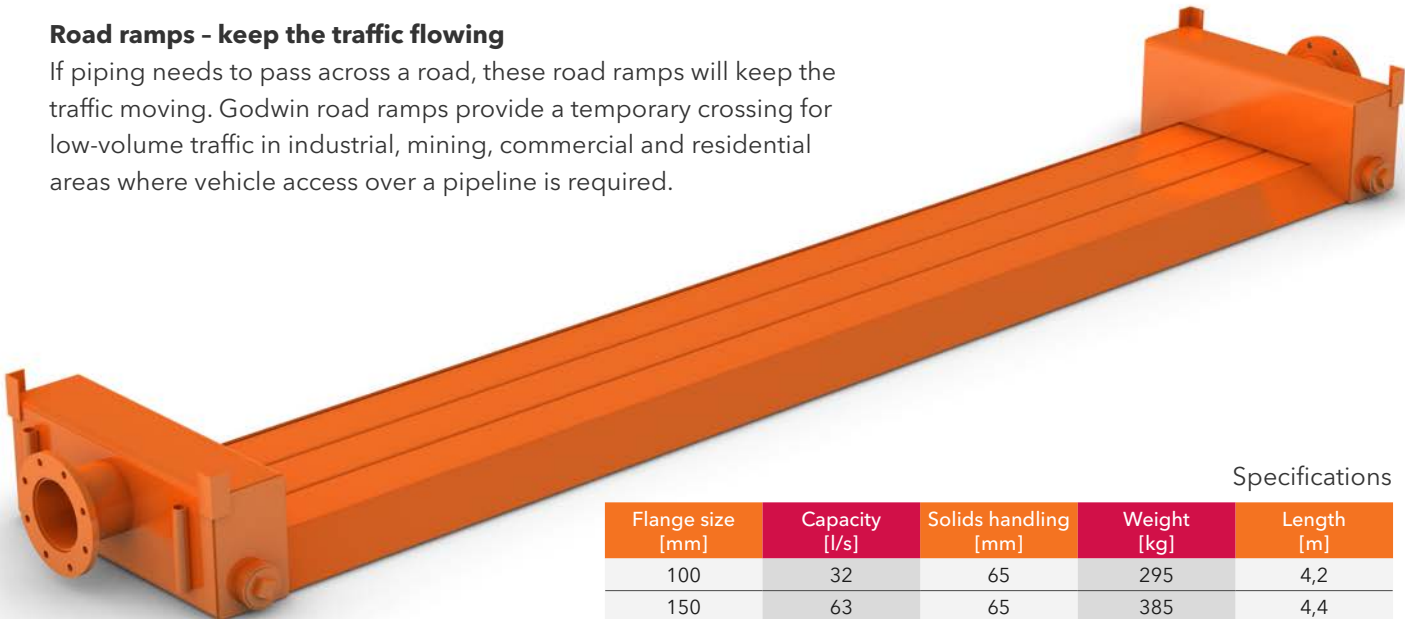


Quick release pipes
and adapters



Road ramps - keep the traffic flowing

If piping needs to pass across a road, these road ramps will keep the traffic moving. Godwin road ramps provide a temporary crossing for low-volume traffic in industrial, mining, commercial and residential areas where vehicle access over a pipeline is required.



Specifications

Flange size [mm]	Capacity [l/s]	Solids handling [mm]	Weight [kg]	Length [m]
100	32	65	295	4,2
150	63	65	385	4,4
200	126	65	860	4,5
300	252	65	1045	4,6
450	441	90	2265	4,9
600	758	90	3250	5,6

(Maximum load capacity of 10,000 kg per axle. Maximum crossing speed of 8 km/h.)

Making the most reliable pumps even more reliable



When you work with Xylem TotalCare services, you get secure, optimal operations that come only with broad engineering expertise in water and wastewater.

Xylem TotalCare is a comprehensive, integrated portfolio of services that keeps your business running at its best. TotalCare services are built upon Xylem's deep systems knowledge and expertise in water and wastewater applications, which ensure your operational security and give you more time to focus on your core business.



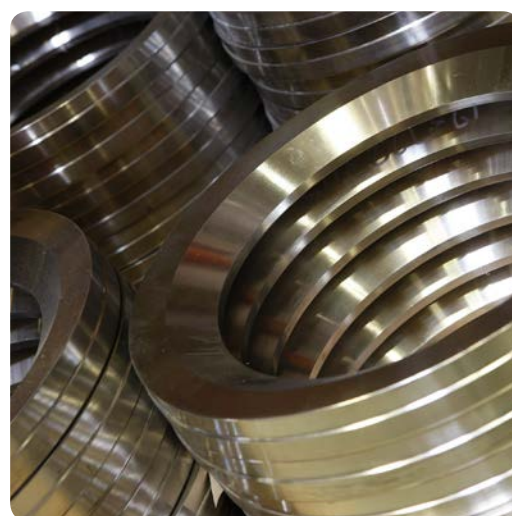
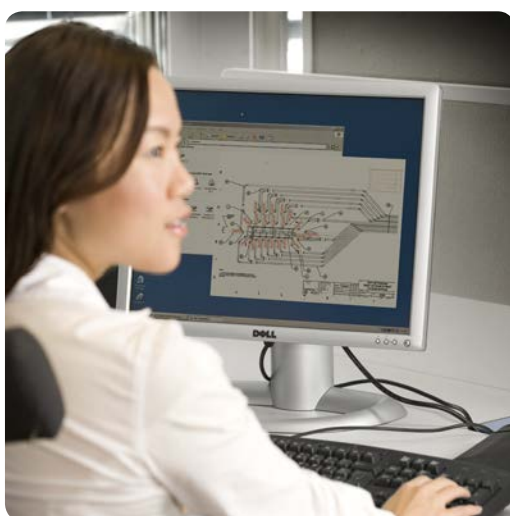
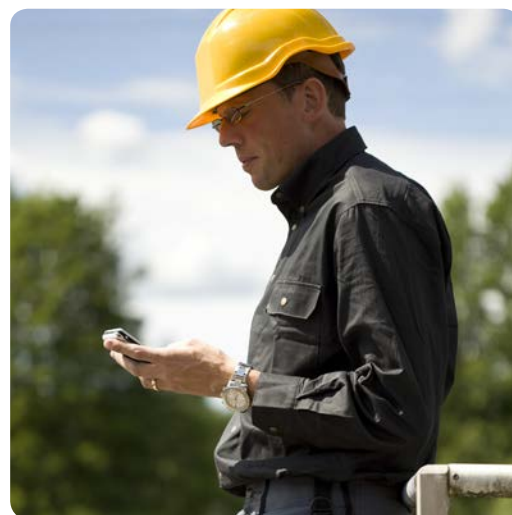
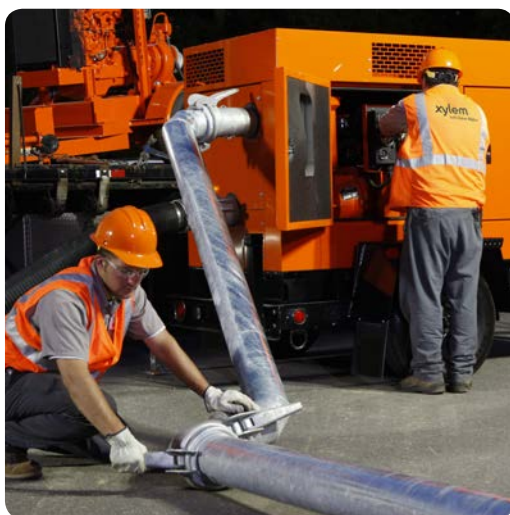
Parts & Logistics

Enjoy the peace of mind that comes with knowing the equipment and spares you need are always on hand and readily available - whether for regularly scheduled maintenance or emergency callouts.



Rental & Onsite services

Rent best-in-class dewatering or bypass pumping equipment on your terms, without the capital expenditure costs. Choose from short-term, long-term, try-before-you-buy and everything in between.



Repair & Maintenance

Use cost-effective service agreements to enhance operational reliability through preventative maintenance. We offer a wide range of repair and maintenance services conducted either onsite and or at one of our workshops.



Installation & Commissioning

Take advantage of our broad installation and commissioning services - from project management and supervision of installation through to start-up and commissioning.

All services may not be available in all countries. We are constantly adding services so please check availability with your sales representative.



Design & Consultancy

Get the right size pump for the job. Xylem offers comprehensive engineering consultancy services, including feasibility studies and design services for new installations or remodeling, expanding or upgrading existing ones.



Asset Refurbishments

Protect the value of your ageing assets and minimize capital expenditures. Upgrade a single piece of equipment or renovate your entire plant by conducting a site audit and redesigning from the beginning.

Xylem ['zīləm]

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xyleminc.com



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www.godwinpumps.com

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