

PUMP DETAIL

		Fresh water			Semi-trash			Trash		
Construction										
	Impeller									
Material (Principal Parts)	Pump Casing	Aluminum Diecast (ADC12)			Aluminum Diecast (ADC12)			Aluminum Cast (AC2B)		
	Casing Cover	Aluminum Diecast (ADC12)			Aluminum Diecast (ADC12)			Aluminum Cast (AC2B)		
	Impeller	Cast Iron (FC150)			Cast Iron (FC200)			Cast Steel (HCr)		
	Inner Casing	Cast Iron (FC150)			Cast Iron (FC200)			Cast Iron (FC300)		
	Liner	—			—			Stainless Steel (SUS430,403)		
Strainer		2"	3"	4"	2"	3"	4"	2"	3"	4"
		□6×5.5	□7×9	Φ7	□20×20	□20×20	Φ20	Φ20	Φ31	Φ31

STANDARD ACCESSORIES

Slot-in type strainer

Hose coupling set

Hose band

Choosing the right pump (Image)

When selecting a pump for safety and proper working, the following information is needed:

- Suction height**: The height between the water surface and the pump inlet
- Discharge height**: The height between the pump inlet and the highest point of the delivery pipe
- Discharge hose length**: The total length of the outlet hose
- Delivery rate or quantity**: The amount of fluid flowing in a certain time
- Fluid quality**: The water type and the content and size of solids within the water

Pump Type	Fresh water	Semi-trash	Trash
Strainer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hose coupling set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hose band	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery box	<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/> *
Battery cable	<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/> *
Tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* only for Electric Start

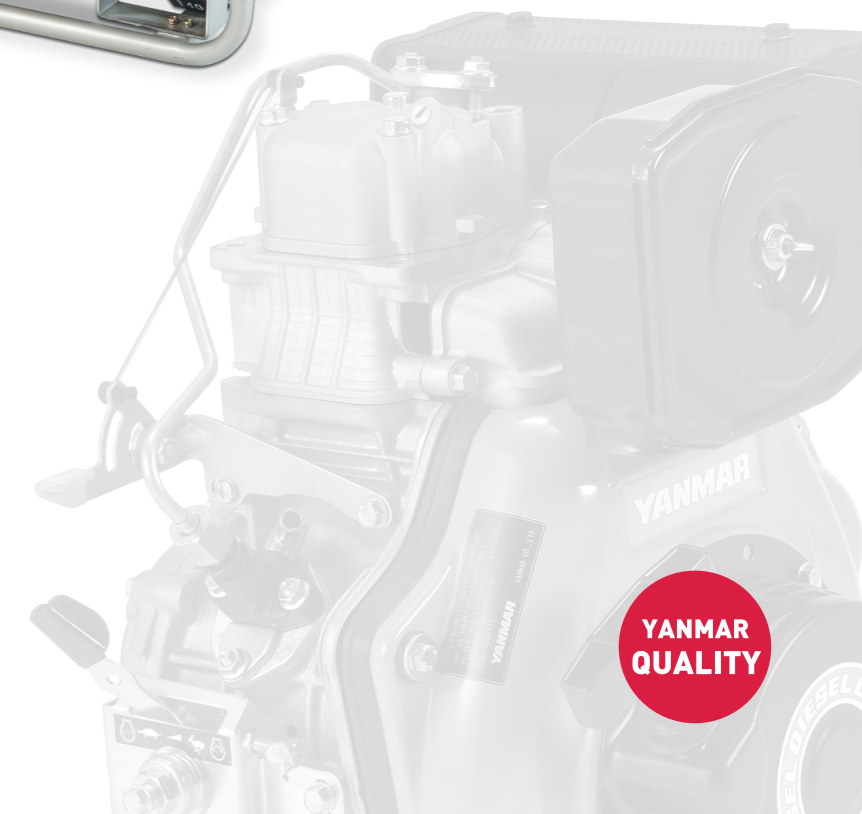


YANMAR

**Air Cooled Diesel Powered
Water Transfer pumps**

YDP Series

Max. Output : 3.5~7.4kW



Bore size
2-4
inch

Suction lift
7
m

Fuel tank
13
L

YANMAR
QUALITY

Long-lasting and Powerful YANMAR Water Transfer Pump

YANMAR supplies professional & reliable diesel-powered water transfer pumps for operation in construction sites and agricultural fields.

Wide Variation

YANMAR's pump series range in bore size from 2" to 4" for fresh, semi-trash and trash water. All types of pumps are equipped with an electric starting system.

Extended Operation with Large Fuel Tank

All series have a 13 litre large fuel tank which enables a continuous and longer running time.

Easy Maintenance

Cleaning the inside of the casing can be done simply by just removing a few bolts.



YDP40STN-E

Air-cooled Diesel Engine LN Series

Since 1959, YANMAR has been producing air-cooled diesel engines with total production reaching more than 1.5 million units.

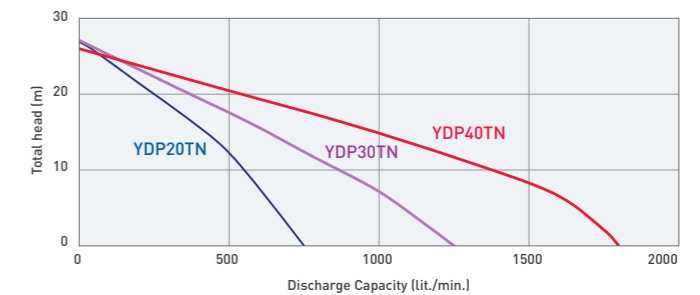
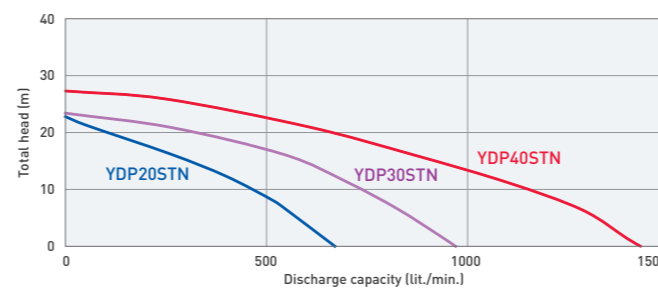
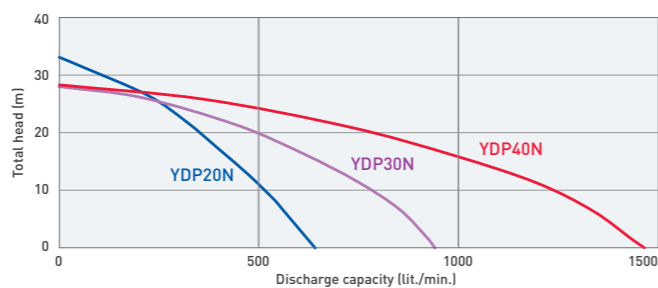
Today these air-cooled diesel engines are powering leading edge equipment around the world, exceeding power and environmental expectations.



SPECIFICATIONS (YDP w/t L-N)

Sales Area			For Non-Emission Regulated Area																	
Type			Fresh Water Pump				Semi-Trash Pump				Trash Pump									
Model			YDP20N	YDP20N-E	YDP30N	YDP30N-E	YDP40N	YDP40N-E	YDP20STN	VDP20STN-E	VDP30STN	VDP30STN-E	VDP40STN	VDP40STN-E	YDP20TN	YDP20TN-E	YDP30TN	VDP30TN-E	YDP40TN	YDP40TN-E
PUMP	Type		Self-Priming Pump				Self-Priming Pump				Self-priming pump									
	Sue. & discharge dia.	mm	50		80		100		50		80		100		50		80		100	
	Max. total head	m	32.0		28.0		26.5		22.5		23.0		25.0		24.0		27.0		25.0	
	Suction lift	m			7						7						7			
Max. capacity	lit./min	550		900		1300		550		850		1300		550		1150		1750		
ENGINE	Model		L48N6-PY	L48N6-PEY	L48N6-PY	L48N6-PEY	L70N6-PY	L70N6-PEY	L48N6-PYST	L48N6-PEYST	L48N6-PYST	L48N6-PEYST	L70N6-PY	L70N6-PEY	L48N6-PY	L48N6-PEY	L70N6-PY	L70N6-PEY	L100N6-PYT	L100N6-PEYT
	Type		4-stroke, Air Cooled Diesel Engine				4-stroke, Air Cooled Diesel Engine				4-Stroke, Air Cooled Diesel Engine									
	Displacement	cc	219		320		320		219		320		320		219		320		435	
	Max. output	kW@3600 min ⁻¹	3.5		4.9		4.9		3.5		4.9		4.9		3.5		4.9		7.4	
	Cont. output	kW@3600 min ⁻¹	3.1		4.4		4.4		3.1		4.4		4.4		3.1		4.4		6.6	
	Starting system		Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*	Recoil	Electric*
Fuel oil tank capacity	lit.	13				13				13										
UNIT	Dimensions	L	530		630		630		530		630		630		580	735	680	810	718	855
		W	484				484				484				484					
		H	637				727				637				727					
	Dry mass	kg	44	59	46	61	62	77	44	59	45	61	61	76	54	72	75	93	91	109

PERFORMANCE CURVES



*Electric & Recoil Start