
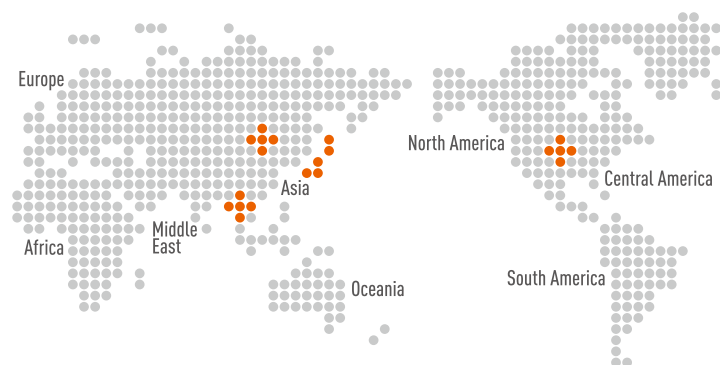


70 Year History

- 1948 Founded by Jin-ichi Kohara, first president.
Provided machinery repair service, and manufacturing of hand drilling machines and grinders.
- 1950 Shifted to manufacturing of drum pump (SB-25) and gear pump (GC-25). 
- 1971 Developed GL pump and FS pump (GL-20). 
- 1974 Launched engine pump (SE-50L). 
- 1980 Launched submersible pump "Pondy" (SM-20). 
- 1992 Launched motor pump "Jetmate" (MP-25). 
- 1999 Launched submersible pump for sewage water "Ponster" (PX-50). 
- 2010 Launched engine pumps SEV series with KOSHIN engine (developed in-house). 
- 2016 Launched inverter generators GV series with KOSHIN engine and battery powered snow remover (SR-350). 
- 2017 Launched submersible pump PBX. 
- 2018 Launched hand-carry type brush cutter (EBC-26C) with KOSHIN engine. Launched high-pressure engine pump SERH-50Z. 
- 2019 Launched battery-powered high-pressure washer, Smart KOSHIN series battery-powered garden tools. Launched trash pump KTZ with KOSHIN engine. 
- 2020 Launch battery-powered brush cutter, Smart KOSHIN series (SGR-1820). 

About KOSHIN



Head Office



KOSHIN LITAIN (NINGBO) CO., LTD



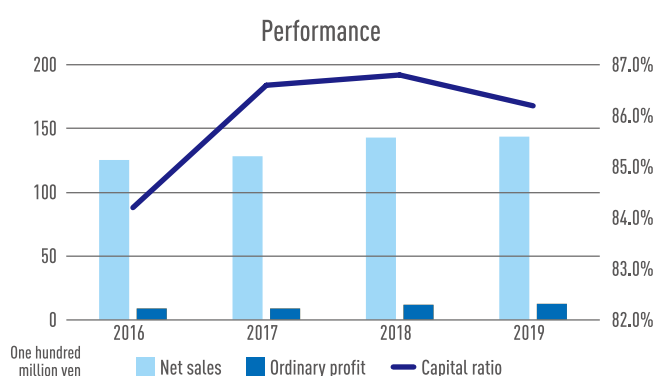
NINGBO KOSHIN MOTOR CO., LTD



KOSHIN THAILAND CO., LTD (Bangkok)



KOSHIN AMERICA CORP. (Chicago)



KOSHIN

Submersible Pumps

PXJ / PKJ / PKG / PKJR Series



KOSHIN LTD.

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Nagaokakyo city, Kyoto, 617-8511, Japan

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Dewatering Pumps

- For residual water up to 3mm water level
- Rust-resistant stainless body
- Easy to place in narrow space such as sumps or wells with slim body
- Three kinds of connection dia, 1", ¾" and ½", are available with one delivery flange



PXJ-150

PXJ-400

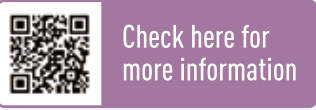
SPECIFICATIONS

MODEL			PXJ-150	PXJ-250	PXJ-400	PXJ-750
PUMP	Connection dia	mm	15,20,25	40	50	50
		inch	1,3/4,1/2	1 1/2	2	2
	Total head	m	6.0	8.5	10.5	14.0
		ft	19.5	27.5	34.0	45.5
	Discharge volume	L/min	95	190	195	325
MOTOR		GPH	1500	3010	3090	5150
	Voltage	V	220	220	220	220
	Frequency	Hz	50	50	50	50
	Rated current	A	1.4	1.9	2.8	5.5
	Output	W	150	250	400	750
Applicable liquids	Consumption	W	300	450	600	1200
	Consistency	Clear water *1				
	Suspended solid percentage	Sandy and muddy water (suspended solids) *2				
	Max. solids size	mm	-	6	6	6
Net weight (without cable)		inch	-	0.2	0.2	0.2
		kg	3.5	11.0	12.0	17.0
		lbs	7.7	24.2	26.4	27.4
Standard accessories *4			Hose coupling			

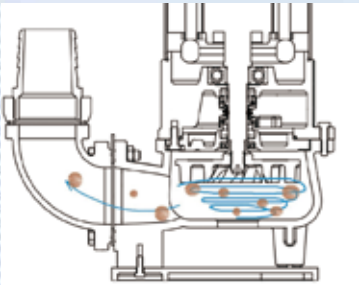
*1 Clear water refers to water-supply water, well-water with no heavy filth (such as slit, clay, heavy mud). Please do not use the pump for drinking water.
*2 Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.
*3 If the suspended solid percentage is higher, premature wear and failure will occur. To properly pump water with any debris, any solids must be in a suspension.
*4 Accessories may differ depending on model.

Vortex Pumps

- Applicable for sewage treatment plants, agricultural wastewater and household wastewater treatment etc.
- Impeller creates a vortex to let solids flow through
Solids don't easily interfere with the impeller and this leads to longer lasting impeller
- Rust-resistant stainless body
- Impeller and pump housing are made from durable ductile cast iron



PKJ-1500



Impeller creates a vortex and let solids flow
Solids are not easy to hit the impeller and it leads to longer life for impeller



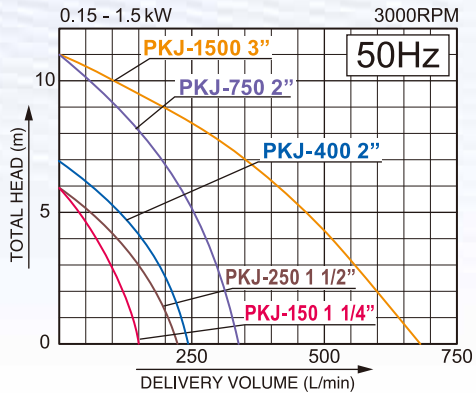
Vortex impeller



SPECIFICATIONS

MODEL			PKJ-150	PKJ-250	PKJ-400	PKJ-750	PKJ-1500
PUMP	Connection dia	mm	32	40	50	50	80
		inch	1 1/4	1 1/2	2	2	3
	Total head	m	6.0	6.0	7.0	11.0	11.0
		ft	19.5	19.5	23.0	36.0	36.0
	Discharge volume	L/min	150	225	245	340	680
MOTOR		GPH	2380	3570	3880	5390	10770
	Voltage	V	220	220	220	220	220
	Frequency	Hz	50	50	50	50	50
	Rated current	A	1.4	1.9	2.8	5.5	12.0
	Output	W	150	250	400	750	1500
Applicable liquids	Consumption	W	300	450	600	1200	2000
	Consistency	Sandy and muddy water (suspended solids) *1					
	Suspended solid percentage	10% *2					
	Max. solids size	mm	10	30	30	30	30
Net weight (without cable)		inch	0.4	1.2	1.2	1.2	1.2
		kg	4.5	12.5	13.0	18.0	34.5
		lbs	9.9	27.5	28.6	39.6	76.0
Standard accessories *3			Hose coupling				

*1 Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.
*2 If the suspended solid percentage is higher, premature wear and failure will occur. To properly pump water with any debris, any solids must be in a suspension.
*3 Accessories may differ depending on model.



A Full Lineup with a Wide Range of Uses and Sizes.



Model		Dewatering Pumps				Vortex Pumps		Vortex Pumps			Grinder Pumps			Multi-purpose Pumps	
		PXJ-150	PXJ-250	PXJ-400	PXJ-750	PKJ-150	PKJ-250	PKJ-400	PKJ-750	PKJ-1500	PKG-750	PKG-1200	PKG-1500	PKJR-400	PKJR-750
Connection Dia	mm	15, 20, 25	40	50	50	32	40	50	50	80	32	32	32	50	50
Applicable Liquids		Clear water	Sewage			Sewage		Sewage			Sewage (Including organic waste, fibers etc.)			Sandy and muddy water	
Motor Output	W	150	250	400	750	150	250	400	750	1500	750	1200	1500	400	750
Total Head	m	6.0	8.5	10.5	14.0	6.0	6.0	7.0	11.0	11.0	13.0	18.0	20.5	11.0	17.0
Discharge Volume	L/min	95	190	195	325	150	225	245	340	680	175	180	180	215	330
Materials	Outer Pump Casing	Nylon	Stainless (SUS304)			Stainless (SUS304)		Stainless (SUS304)			Stainless (SUS304)			Die-casting alloy (ADC12)	
	Impeller	PC +GF			Ductile cast iron (FCD400)	PC +GF		PC +GF	Ductile cast iron (FCD400)		Ductile cast iron (FCD400)			Thermoplastic Polyurethane (TPU)	
	Pump Housing / Strainer	Resin	Stainless (SUS304)			ABS	Cast iron (FC200)	Cast iron (FC200)		Ductile cast iron (FCD400)				Cast iron (FC200)	

Grinder Pumps

- For sewage including small pieces of fabrics and organic waste etc.
- With high chrome grinder ring and impeller, objects can be ground and discharged without clogging
- Rust-resistant stainless body
- Impeller and pump housing are made from durable ductile cast iron



PKG-750

SPECIFICATIONS

MODEL			PKG-750	PKG-1200	PKG-1500
PUMP	Connection dia	mm	32	32	32
		inch	1 1/4	1 1/4	1 1/4
	Total head	m	13	18	20.5
		ft	42.5	59.0	67.0
	Discharge volume	L/min	175	180	180
GPH		2770	2850	2850	
MOTOR	Voltage	V	220	220	220
	Frequency	Hz	50	50	50
	Rated current	A	6.8	9.9	12.0
	Output	W	750	1200	1500
	Consumption	W	1400	1600	2000
Applicable liquids	Consistency		Sandy and muddy water (suspended solids) *1		
	Suspended solid percentage		10% *2		
	Max. solids size	mm	3	3	3
		inch	0.1	0.1	0.1
Net weight (without cable)		kg	27.0	29.0	34.5
		lbs	59.5	63.9	76
Standard accessories *3			Hose coupling		

*1 Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.

*2 If the suspended solid percentage is higher, premature wear and failure will occur.

To properly pump water with any debris, any solids must be in a suspension.

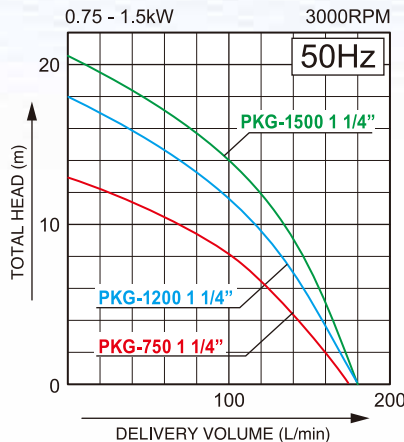
*3 Accessories may differ depending on model.



Without sleeve With sleeve



Grinder ring and impeller



Multi-purpose Pumps

- Suitable for construction site
- Applicable for puddle, dewatering rainwater and sump water
- Pump housing are made from durable cast iron
- Resin-made stand aids in longer overall pump life



PKJR-400

SPECIFICATIONS

MODEL			PKJR-400	PKJR-750
PUMP	Connection dia	mm	50	50
		inch	2	2
	Total head	m	11.0	17.0
		ft	36.0	55.5
	Discharge volume	L/min	215	330
GPH		3400	5230	
MOTOR	Voltage	V	220	220
	Frequency	Hz	50	50
	Rated current	A	2.8	5.5
	Output	W	400	750
	Consumption	W	600	1100
Applicable liquids	Consistency		Sandy and muddy water (suspended solids) *1	
	Suspended solid percentage		10% *2	
	Max. solids size	mm	10	10
inch		0.4	0.4	
Net weight (without cable)	kg	11	13.5	
	lbs	24.2	29.7	
Standard accessories *3			Hose coupling	

*1 Sandy and muddy water (suspended solids) are defined as debris "floating" within the water.

*2 If the suspended solid percentage is higher, premature wear and failure will occur.

To properly pump water with any debris, any solids must be in a suspension.

*3 Accessories may differ depending on model.



Resin-made stand



Impeller

