



Website



Download
(Catalogue, Manual)

〈Head office〉

5F., 14 Gobancho, Chiyoda-ku,
Tokyo, 102-0076 Japan
TEL. +81-3(5818)5134

WORCHEMI TAIWAN CO., LTD.

台湾華爾多科技股份有限公司

42955 台中市神岡區中山路915號

No.915, Zhongshan Rd., Shengang Dist.,

Taichung City 42955, Taiwan (R.O.C.)

☎ 886-4-2562-8358 傳真 886-4-2562-8351

URL <https://www.worldchemical.com.tw>

E-mail worchemi@ms34.hinet.net

SUZHOU WORLD TECHNOLOGY CO., LTD

蘇州華而多科技有限公司

江蘇省蘇州市相城經濟開發區富元路61號

61, Fu Yuan Road, Xiang Cheng, Economic District.,

Su Zhou, China

☎ 86-512-6579-8212 傳真 86-512-6579-8215

URL <http://www.worldchemical.com.cn>

E-mail worldchemical@wcs.szbnet.com

WORLD CHEMICAL USA, INC.

25691 Atlantic Ocean Dr. Unit B-15 Lake Forest,
CA 92630. USA.

☎ 1-949-462-0900

URL <https://www.worldchemicalusa.com>

E-mail wca@worldchemicalusa.com



■ Note

PRODUCTS GUIDE

Corrosion-resistant chemical pump

Self-priming filter pump

Oil skimmer

(Floating oil & objects collecting system, Oil separator)

Corrosion-resistant chemical pump

Ideal for hoop plating equipment & small cleaning units

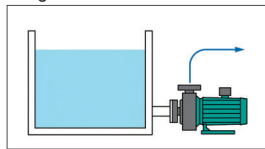
Magnet drive pump
CHREMIFREE

YD-300GS series

High efficient & energy saving.
Low noise & vibration.



- Designed for high motor efficiency and low power consumption.
- Single phase 200V (50/60Hz in common).
- Top-mounted terminal box for easy wiring.
- Small and light design.
- Fluoro-rubber O-ring (FKM) as standard.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (W)	
		SUC	DIS	50Hz		60Hz		50Hz	60Hz
GS	YD-3320GS1	G3/4 Thread	G3/4 Thread	2-30	1.3	3-34	1.3	45	60
	YD-3420GS1	G3/4 Thread	G3/4 Thread	3-31	1.1	3-43	1.1	50	75
	YD-3520GS1	G1 Thread	G1 Thread	3-40	1.2	5-40	1.2	80	120

Notice Pumps / parts which the main material is ETFE are regulated by List control. When exporting them, the license by METI is necessary. Others are regulated by Catch-all by METI. Please observe the law of Export Control Regulations in Japan.

Ideal for printed circuit boards and plating processes

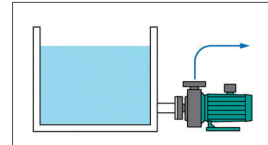
Magnet drive pump
CHREMIFREE

YD-Small GS/GSF series

Small, light & good cost performance.



- High head models are also available.
- Equipped with a dedicated motor with built-in thermal protector.
- The terminal box is mounted on top for easy wiring.



Type	Model	Bore (Thread type)		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GS	YD-16X8GS1	20A	16A	5-50	1.1	6.5-60	1.1	0.18
	YD-20A6GS1	20A	20A	7-60	1.4	9.5-70	1.1	0.26
	YD-20Y6GS1	20A	20A	7-60	1.4	9.5-70	1.1	0.26
GSH (High head)	YD-16A6GSH1	20A	16A	12-24	1.1	17-25	1.1	0.18
	YD-16Y6GSH1	20A	16A	12-24	1.1	17-25	1.1	0.26
	YD-20A6GSH1	20A	20A	9.5-70	1.1	-	-	0.26
	YD-20Y6GSH1	20A	20A	9.5-70	1.1	-	-	0.26
	YD-20Y6GSH1	20A	20A	9.5-70	1.1	-	-	0.26
GSF	YD-16X8GSF1	20A	16A	5-60	1.2	5-60	1.2	0.18
	YD-20A6GSF1	20A	20A	7.5-70	1.2	8-70	1.2	0.26
	YD-20Y6GSF1	20A	20A	7.5-70	1.2	8-70	1.2	0.26

* Union and flange connections are available upon request.

Ideal for PCB manufacturing and plating processes.

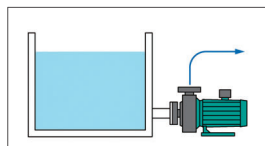
Magnet drive pump
CHREMIFREE

YD-GS/AGS series

Compact and lightweight design
ideal for space-saving applications.



- Heat-dissipating and heat-insulating bearing structure.
- Adopts a loose flange design for easier installation.
- Designed for Low Flow, High Head
- The terminal box is mounted on top for easy wiring.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GS	YD-2500GS1	25A	25A	14-50	1.0	14-50	1.0	0.4
	YD-2501GS3			21-50	1.0	21.5-50	1.0	0.75
	YD-2502GS3			25.5-50	1.3	34-50	1.0	1.5
AGS	YD-2503GS3	40A	40A	-	-	37-50	1.1	2.2
	YD-4000AGS1			11-100	1.05	11-100	1.05	0.4
	YD-4001AGS3			15-150	1.05	15-150	1.05	0.75
	YD-4002AGS3	19-200	1.1	18.5-200	1.1	1.5		
	YD-4003AGS3	50A	40A	24-200	1.1	26-200	1.1	2.2
	YD-4005AGS3	28.5-200	1.1	34.5-200	1.1	3.7		
	YD-5005GS3	65A	50A	19-500	1.1	18-500	1.1	3.7

* Certain GS series models will be upgraded to the improved AGS series with full compatibility.

Ideal for PCB manufacturing and plating processes.

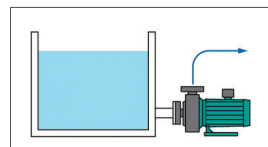
Magnet drive pump
CHREMIFREE

YD-GSF series

GS series fluororesin type pump with excellent chemical resistance, suitable for strong acids and strong alkalis.



- Heat-dissipating and heat-insulating bearing structure.
- Adopts a loose flange design for easier installation.
- Designed for Low Flow, High Head
- The terminal box is mounted on top for easy wiring.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GSF	YD-2500GSF1	25A	25A	9-50	1.2	9-50	1.2	0.4
	YD-2501GSF3			16.5-50	1.2	15-50	1.2	0.75
	YD-2502GSF3			24-50	1.2	26-50	1.2	1.5
GSF	YD-2503GSF3	40A	40A	23.5-50	1.9	33-50	1.2	2.2
	YD-4000GSF1			8.5-100	1.2	9-100	1.2	0.4
	YD-4001GSF3			12-150	1.2	11.5-150	1.2	0.75
	YD-4002GSF3	18-200	1.2	17.5-200	1.2	1.5		
	YD-4003GSF3	50A	40A	21-200	1.2	22.5-200	1.2	2.2
YD-4005GSF3	25-200	1.3	30-200	1.2	3.7			

Ideal for chemical plants & wastewater treatment plants.

Magnet drive pump

YD-GU series

High-Performance Magnet Drive Pump with ETFE Wetted Parts



Handles Liquids (up to 120°C) and High-Concentration liquids

- A double capsule structure is adopted for the impeller to enhance corrosion resistance and prevent permeation.
- The casing is made of ductile cast iron with natural ETFE lining.
- Back pull-out design allows easy and safe maintenance.

Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.) *SG=1.0				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GU	YD-2501GU3	40A	25A	14.5-250	1.3	13.5-230	1.3	0.75
	YD-2502GU3			21.7-310	1.4	23.2-310	1.4	1.5
	YD-2503GU3			26.6-360	1.4	29.8-360	1.4	2.2
	YD-2505GU3			30.1-380	1.4	40.8-410	1.4	3.7
	YD-4001GU3			12.1-290	1.1	11.9-290	1.1	0.75
	YD-4002GU3	19.6-420	1.1	20.3-380	1.1	1.5		
	YD-4003GU3	24.8-480	1.1	26.8-450	1.1	2.2		
	YD-4005GU3	31-550	1.1	36.7-540	1.1	3.7		
	YD-4007GU3	31-550	1.1	45.5-580	1.1	5.5		
	YD-4010GU3	31-550	1.1	52-630	1.1	7.5		
GU	YD-5005GU3	65A	50A	28.1-810	1.1	30.1-810	1.1	3.7
	YD-5007GU3			28.1-810	1.1	37.7-940	1.1	5.5
	YD-5010GU3			28.1-810	1.1	41-990	1.1	7.5

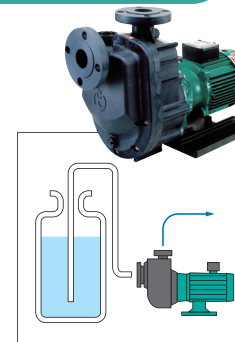
For wastewater treatment facilities
For earthquake-resistant piping systems

Self-priming magnet drive pump
SUPER MAG

YD-GV series

Self-priming up to 5 m in 2 minutes (clean water, ambient temperature).

- For flooded suction and self-priming use.
- Capable of suction with gooseneck piping.
- Best-in-class compact design.
- Compatible with different liquid S.G.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GV	YD-2500GV1	25A	25A	8-80	1.05	8-80	1.05	0.4
	YD-2501GV3			8-80	2.0	12-110	1.1	0.75
	YD-2502GV3			-	-	8-80	1.8	1.5
	YD-4001GV3			10-160	1.1	-	-	0.75
	YD-4002GV3			11-160	1.8	16-200	1.1	1.5
	YD-4003GV3	-	-	17-200	1.4	2.2		
	YD-5002GV3	16-200	1.1	-	-	1.5		
	YD-5003GV3	17-250	1.1	18-250	1.1	2.2		
	YD-5005GV3	17-200	1.4	28-200	1.2	3.7		
	YD-5005GV3	18-250	1.8	18-250	1.6	3.7		

YD-Small GV series

Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GV	YD-20Y6GV1	20A (Union)	-	6-30	1.2	7-30	1.2	0.26
	YD-20A6GV1			6-30	1.2	7-30	1.2	0.4
	YD-2000GV1			6-30	1.6	7-30	1.6	0.4

Ideal for chemical plants & wastewater treatment plants.

Magnet drive pump

YD-GTN series

Capable of handling chemical liquids containing slurry or sludge.



- Proprietary impeller wear ring structure for handling slurry-containing liquids.
- Proprietary thrust balance structure achieves energy savings and the fully open suction inlet design achieves low NPSHr and high efficiency.
- Back pull-out design allows easy and safe maintenance.

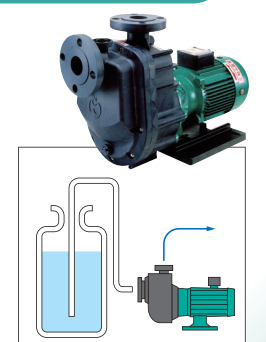
Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.) *SG=1.0				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GTN	YD-4005GTN3	50A	40A	34.2-520	1.3	31.9-510	1.3	3.7
	YD-4007GTN3			47-610	1.5	47-610	1.5	5.5
	YD-4010GTN3			56.7-660	1.5	56.7-660	1.5	7.5
	YD-5005GTN3	65A	50A	24.5-800	1.1	25.4-790	1.1	3.7
	YD-5007GTN3			36.4-930	1.1	36.4-930	1.1	5.5
	YD-5010GTN3			45.6-1020	1.1	45.6-1020	1.1	7.5
	YD-6507GTN3	80A	65A	30-1100	1.1	35.4-860	1.1	5.5
	YD-6510GTN3			36.8-1210	1.1	38.5-1240	1.1	7.5
	YD-6515GTN3			43-1270	1.1	50.6-1420	1.1	11
	YD-6520GTN3	100A	80A	59.5-1500	1.1	59.5-1500	1.1	15
	YD-6525GTN3			63.3-1530	1.1	63.3-1530	1.1	18.5
	YD-8007GTN3			25.8-1900	1.1	-	-	5.5
	YD-8010GTN3	150A	125A	33-2000	1.1	-	-	7.5
	YD-8015GTN3			40.8-2190	1.1	41.3-2310	1.1	11
	YD-8020GTN3			49.5-2390	1.1	52.4-2430	1.1	15
YD-8025GTN3	150A	125A	53.1-2480	1.1	60.4-2530	1.1	18.5	
YD-8030GTN3			59.9-2650	1.1	67.7-2630	1.1	22	
YD-12515GTN3			18-4310	1.1	21.5-2720	1.1	11	
YD-12520GTN3	150A	125A	23.9-4750	1.1	21.5-4600	1.1	15	
YD-12525GTN3			26.5-5030	1.1	26.5-5030	1.1	18.5	
YD-12530GTN3			25.1-4870	1.1	32.2-5340	1.1	22	

For wastewater treatment facilities
For earthquake-resistant piping systems

Self-priming magnet drive pump
SUPER MAG

YD-GVF series

A GV Series ETFE type pump offering excellent chemical resistance, suitable for strong acids and alkalis.



Self-Priming Mechanism (YouTube)

Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GVF	YD-2501GVF3	25A	25A	8-80	2.0	12-100	1.1	0.75
	YD-2502GVF3			8-80	1.6	8-80	1.6	1.5
	YD-4001GVF3			10-110	1.1	12-105	1.8	0.75
	YD-4002GVF3	40A	40A	11-160	1.6	15-200	1.1	1.5
	YD-4003GVF3			11-160	1.6	16-200	1.3	2.2
	YD-5002GVF3			15-200</				

Corrosion-resistant chemical pump

Ideal for filtration and circulation in plating equipment

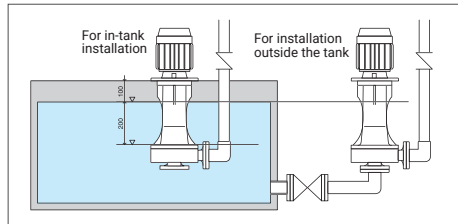
Sealless circulation pump

DRYFREE

YD-AVK series

A sealless pump designed to withstand sludge and slurry contamination as well as dry running.

- Ideal for filtration and circulation applications in scrubbers and various plating equipment structure.
- The sealless design eliminates the shaft seal, ensuring easy maintenance.
- Resistant to dry running.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.) ※SG=1.0				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
VK	YD-4001AVK3	50A	40A	9 - 150	-	8 - 120	-	0.75
	YD-4002AVK3	50A	40A	10 - 300	-	8 - 300	-	1.5
	YD-4003AVK3	50A	40A	-	-	12 - 350	-	2.2
	YD-5003AVK3	65A	50A	12 - 350	1.1	-	1.1	3.7
	YD-5005AVK3	65A	50A	-	-	15 - 550	-	5.5
	YD-6505AVK3	80A	65A	15 - 550	-	-	-	7.5

Ideal for pumping wastewater containing slurry

Sealless vertical self-priming pump

SELFREE

YD-NSF series

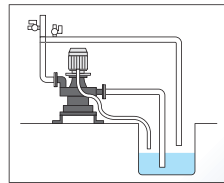
YD-SF series

A sealless vertical pump enhanced with a self-priming function.

- Valveless self-priming pump
- Sealless construction resistant to dry.
- The sealless design eliminates the shaft seal, ensuring easy maintenance.



(NSF) (SF)



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.) ※SG=1.0				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Max. SG	Duty point	Max. SG	
NSF	YD-2500NSF1	25A	25A	6 - 60	1.05	-	-	0.4
	YD-2501NSF3			6 - 60	1.7	8 - 70	1.05	0.75
	YD-2502NSF3	40A	40A	7 - 60	2.0	8 - 70	1.8	1.5
	YD-4001NSF3			7 - 100	1.05	-	-	0.75
	YD-4002NSF3	50A	50A	7 - 100	1.8	9 - 150	1.05	1.5
	YD-4003NSF3			7 - 100	2.0	9 - 150	1.45	2.2
	YD-5002NSF3	50A	50A	9 - 200	1.05	-	-	1.5
	YD-5003NSF3			9 - 200	1.45	11 - 200	1.05	2.2
	YD-5005NSF3	80A	80A	9 - 200	2.0	11 - 200	1.6	3.7
	YD-8005SF3			15 - 350	1.05	-	-	3.7
YD-8007SF3	100A	100A	15 - 350	1.5	18 - 350	1.05	5.5	
YD-8010SF3			-	-	18 - 350	1.35	7.5	
YD-10007SF3	100A	100A	12 - 700	1.05	-	-	5.5	
YD-10010SF3			12 - 700	1.4	17 - 700	1.05	7.5	

Notice Pumps / parts which the main material is ETFE are regulated by List control.

When exporting them, the license by METI is necessary.

Others are regulated by Catch-all by METI.

Please observe the law of Export Control Regulations in Japan.

Ideal for etching spray applications

YD-AVP series

Ideal for circulating high SG liquids. Well received as an etching spray pump.

- Ideal for PCB etching spray applications.
- The sealless design eliminates the shaft seal, ensuring easy maintenance.
- Resistant to dry running.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Max. SG	Duty point	Max. SG	
VP	YD-5003AVP3	65A	50A	12 - 300	1.4	11 - 300	1.4	2.2
	YD-5005AVP3			15 - 430		15 - 430		3.7
	YD-6507AVP3	80A	65A	17 - 600	1.4	22 - 400	1.4	5.5
	YD-6510AVP3			18 - 750		20 - 750		7.5

Ideal for filtration and circulation in plating equipment

Sealless circulation pump

DRYFREE

YD-Small AVK series

[Best suited for plating filtration and circulation]

- Fully compatible with the LO-E Series. Ideal for gold plating.
- The sealless design eliminates the shaft seal, ensuring easy maintenance.
- Resistant to dry running.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.) ※SG=1.0				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Max. SG	Duty point	Max. SG	
VK	YD-20Y0VK1	25A	20A	4 - 60	1.1	4 - 60	1.1	0.2
	YD-2500VK1	40A	25A	8 - 80	1.1	8 - 70	1.1	0.4

Ideal for slurry transfer applications

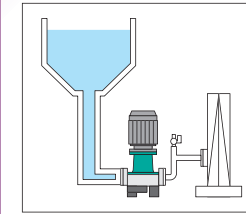
Vertical linear seal pump

SLURRY PUMP

YD-LRN series

Equipped with a proprietary linear seal structure that uses magnetic force for liquid sealing, enabling complete suction of chemical liquids containing crystalline slurry.

- Ideal for circulation and transfer of CMP slurry and cerium oxide slurry.
- No consumable parts such as mechanical seals or gland packing.



Linear seal structure (YouTube)

Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
LRN	YD-2501LRN3	40A	25A	10 - 60	1.2	9 - 60	1.2	0.75
	YD-2502LRN3			-		13 - 100		1.5
	YD-4002LRN3	50A	40A	13 - 100	1.2	-	1.2	2.2
	YD-4003LRN3			15 - 150		16 - 150		3.7
	YD-4005LRN3	50A	40A	17 - 250	1.2	19 - 250	1.2	5.5
	YD-4007LRN3			25 - 220		25 - 280		

Ideal for tank yards and sump pits

Submersible pump

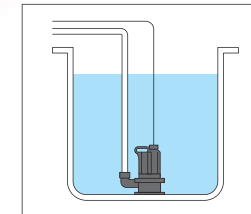
SUBMERSE

YD-GWS series

YD-GWN series

Corrosion-resistant submersible pump with all-wetted parts made of resin.

- Suitable for use with strong acids and strong alkalis.
- Magnet drive system ensures no liquid enters the motor compartment.
- Easy to operate and handle.



Light weight!
Compact!



<25A3GWS>

<5002GWN>

Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
100V GWS	YD-25A3GWS1	25A	-	4 - 50	1.2	4.5 - 50	1.2	0.16
				8.3 - 200	1.1	8.3 - 200	1.1	
GWN	YD-5002GWN1	50A	-	6.2 - 200	1.3	4.6 - 200	1.3	1.1
				3.6 - 200	1.5	2.5 - 200	1.5	
				-	-	11.9 - 100	1.1	
High head GWN	YD-5002GWN1	50A	-	-	-	8.7 - 100	1.3	1.1
				-	-	6.4 - 100	1.5	

Ideal for wastewater treatment equipment

Mechanical seal horizontal pump

YD-GSM(F) series

Equipped with a mechanical seal (YD-GS Series).

- An open-impeller mechanical seal pump ideal for wastewater containing small amounts of slurry.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GSM	YD-2500GSM1	25A	25A	8 - 60	1.1	8 - 60	1.1	0.4
	YD-4001GSM3	40A	40A	10 - 110	1.1	10 - 110	1.1	0.75
	YD-4002GSM3	50A	40A	10 - 220	1.1	10 - 220	1.1	1.5

Mechanical seal horizontal self-priming pump

YD-GVM(F) series

Equipped with a mechanical seal (YD-GV Series).

- An open-impeller mechanical seal pump ideal for wastewater containing small amounts of slurry.



Type	Model	Bore		Std. duty point (TDH: m - Capacity: L/min.)				Power (kW)
		SUC	DIS	50Hz		60Hz		
				Duty point	Std. SG	Duty point	Std. SG	
GVM	YD-2500GVM1	25A	25A	8 - 40	1.1	8 - 40	1.1	0.4
	YD-4001GVM3	40A	40A	8 - 110	1.1	8 - 110	1.1	0.75
	YD-5002GVM3	50A	40A	10 - 200	1.1	10 - 200	1.1	1.5

Chemical clarification / R&D laboratory equipment

Self-priming filter pump

CHEMIFINE YD-CT series

Integrated self-priming pump and filtration unit.

- No risk of dry running, as the priming water remains inside the pump.
- Allows flexible layout design regardless of installation location.
- Compact integrated unit with filtration tower, self-priming tank, and pump.
- Simple design for easy maintenance.



<13B5CT>

<20□□CT>

Type	Model	Bore		Max. performance (L/h)		Std. SG	Power supply (PH/V)	Power (kW)
		SUC	DIS	50Hz	60Hz			
Small CT	YD-13B5CT1	13A	13A	240~900	300~1020	1.2	1PH/100	55(W)
	YD-20A6CT1	20A	20A	600~2400	-	1.2	1PH/100	0.26
YD-20Y6CT1	3PH/200						0.26	
CT	YD-2000CT1	20A	20A	600~2400	-	1.6	3PH/200	0.4

PCB processing, cooling towers, and hydroponics

Sterilization-equipped self-priming filter pump

CHEMIFINE YD-CT series

Designed to remove algae and bacteria. Reduces slime buildup in water tanks and piping.

- Equipped with a UV-C lamp inside the housing.
- Prevents slime buildup by the germicidal action of UV light.
- Removes algae and bacteria captured by the filter inside the housing.
- The self-priming pump and filter tower offer the same functionality as the CT model.



Type	Model	Bore		Max. filtration rate (L/h)		Std. SG	Power supply (PH/V)	Power (kW)
		SUC	DIS	50Hz	60Hz			
CTS	YD-20A6CTS1	20A	20A	600 ~ 2400	-	1.2	1PH / 100	0.26
	YD-20Y6CTS1						3PH / 200	0.26

Oil skimmer (Floating oil and suspended solids collecting system, Oil-water separator)

Dual-float structure with oscillating gate for high-viscosity solids collection

Swing skimmer YD-SWP series

Wide inlet and swinging intake for reliable collection of floating oil and suspended solids.



YD-SWP/SWPN YD-SWPI

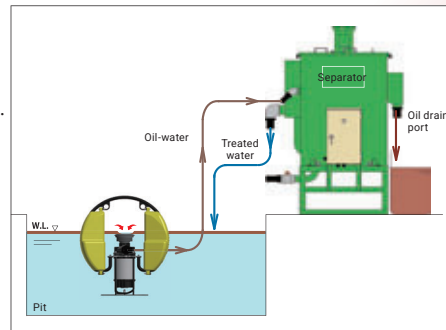
- The swing-type gate (inlet) structure enables efficient collection of high-viscosity suspended solids. (The SWPN type does not swing.)
- By using two floats, the inlet space is widened, enabling smooth collection.
- The arch-shaped frame supporting the floats allows easy handling. Made of SUS304, it offers excellent corrosion resistance.

Three types available to suit the target materials.



SWP Oil ball collector (YouTube) SWPI Aquatic weed collection (YouTube)

- SWP (Swing type)
 - Swing inlet (gate) enables easy collection of viscous oil and solids.
 - Available in a high-head specification.
 - Ideal for collecting viscous oil, scum, and slurry-containing solids.
- SWPN (Non-swing type)
 - Non-swinging inlet (gate) for efficient collection of surface oil-water.
 - Ideal for collecting mineral and low-viscosity oils.
- SWPI (Solids-passing type)
 - Fewer impeller blades for a clog-resistant design.
 - Tool-free disassembly of the pump for easy maintenance.
 - Ideal for collection and transfer of algae and aquatic weeds.



Model	Type	Installation guideline (tank size)	Discharge size	Head (m)	Oil-water collecting rate (L/min.)	Power (kW)
YD-600SWP	Swing type (Standard)	Approx. 4 m x 5 m	φ38 Hose joint	4	100	0.75
YD-600SWPSWP-HP	Swing / High head type			7	60	
YD-600SWPN	Non-swing type			4	100	
YD-600SWPI	Solids-passing type			3	100	

NEW
NEW

Dual-float design for stable liquid-level tracking and versatile applications.

Gyro skimmer / Smash skimmer YD-GYP / PS series

Maintains parallel alignment with the liquid surface for continuous surface oil suction.



YD-800GYP



Double-float structure (YouTube) 1500PS Crushing type Aquatic weed collection (YouTube)

- The dual-float design flexibly follows liquid-level fluctuations, enabling stable collection of surface oil-water.
- Select the optimal skimmer to suit pits from small to large tanks.
- 1600PS High-Head Type – Best for deep pits with difficult self-priming. Also suitable for floating oil in slurry-heavy pits, such as scale pits.
- 1500PS Crushing Type (Smash Skimmer) collects suspended solids while crushing them. High crushing power and passage performance enable clog-free collection of wood chips, branches, ropes, and more. Perfect for outdoor drainage with high debris and solids content.

Model	Type	Installation guideline (tank size)	Discharge size	Head (m)	Oil-water collecting rate (L/min.)	Power (kW)
YD-600GYP	Standard	Approx. 1 m x 2 m	φ25 Hose joint	4	15	0.25
YD-800GYP	Standard	Approx. 2 m x 3 m	φ38 Hose joint	4	40	0.25
YD-1000GYP	Standard	Approx. 3 m x 3 m	φ38 Hose joint	7	50	0.4
YD-1200GYP	Standard	Approx. 5 m x 5 m	φ50 Hose joint	7	100	0.75
YD-1600PS	High head type	Approx. 10 m x 10 m	φ50 Hose joint	15	100	1.5
YD-1500PS	Crushing type	Approx. 10 m x 10 m	φ65 Hose joint	5	300	1.5

- High head type: YD-1600PS-T
- Crushing type: YD-1500PS



NEW

Skimmer and separator combined for nonstop collection, transfer, and separation

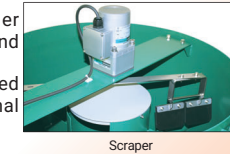
Skimmer + Separator YD-SWP-GYP-FO series

Two sizes are available: 200FO and 400FO.



FO series: Separator

- Built-in inverter control panel on separator enables FO-type separator to control Gyro Skimmer wiring and operation.
- The control panel houses inverters for both the Gyro Skimmer and the separator scraper.
- Inverter control of the Gyro Skimmer improves handling of foamy liquids and enhances oil-water separation.
- Inverter control of the separator's forced oil discharge scraper allows optimal adjustment for oil viscosity.



Scraper

Model	Skimmer	Submersible pump			Separator				
		Head (m)	Collecting rate (t/h)	Power (kW)	Volume (L)	Inlet	Drain outlet	Oil drain outlet	Scraper power (W)
YD-600GYP-200FO	600GYP	4	0.9	0.25	Approx. 200	φ25 Hose joint	φ38 Hose joint	φ50 Hose joint	40
YD-Skimmer-400FO	800, 1000, 1200GYP, 600SWP/SWPN/SWPI	4~7	2.4~6	0.25~0.75	Approx. 390	φ38 Hose joint	φ65 Hose joint	φ65 Hose joint	60

The ultimate coolant oil recovery solution – also handles settled slurry collection.

Coolant Saver Portable
Air-powered, caster-mounted wagon type. Highly maneuverable for use across multiple machines.

For machine tools

- Easy to move and install (can be converted to a fixed installation).
- Ideal for factories with a large number of machine tools, such as machining centers, lathes, and grinders.



<Standard type>

NEW YD-15CSP/15CSPW series

Easy cleaning and maintenance.

Optional configurations available to suit the collected material.

- Electric scraper: Ensures smooth oil discharge.
- Hybrid design: Capable of collecting both oil and settled slurry!

Model	Pump	Collecting rate (t/h)	Min. WL for float inst.	Separator volume	Suction hose	Drain hose	Option
YD-270FS-15CSP	Air-operated diaphragm type	1~5	80 mm	Approx. 15 L	φ13	φ25	Small float Elec. scraper
YD-270FS-15CSPW	Air-operated diaphragm type	Oil-water: 1~5 Slurry: ~30	80 mm	Approx. 15 L	Oil-water: φ13 Slurry: φ25	φ25	Small float Elec. scraper Bag filter

<Stylish design>

YD-16CSPN/12CSPW

A sleek model combining functionality and design.

Model	Pump	Collecting rate (t/h)	Min. WL for float inst.	Separator volume	Suction hose	Drain hose	Option
YD-270FS-16CSPN	Air-operated diaphragm type	1~5	80 mm	Approx. 12.5 L	φ13	φ25	Small float
YD-270FS-12CSPW	Air-operated diaphragm type	Oil-water: 1~5 Slurry: ~30	80 mm	Approx. 12 L	Oil-water: φ13 Slurry: φ25	φ25	Small float Bag filter

Effective for floating oil with high viscosity and foreign matter contamination.

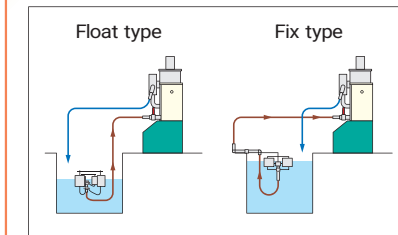
Greasecoming YD-FO series

Can be used without concern for viscosity changes or foreign objects in floating waste oil, and adaptable to limited space simply by changing the float.



Float suction

- Mineral, vegetable/animal oil, and floating scum collection & separation.
- Temporary wastewater collection & treatment.



Separator

Model	Float		Pump		Separator		
	Inlet size (mm)	Hose (mm)	Self-priming ability (m)	Oil-water collecting rate (L/min.)	Power (kW)	Volume (L)	Capacity (m³)
YD-300FS-300P-35FO	35	19	4~5	300~480	0.4	35	φ38 Hose joint 0.48~0.6

* Our lineup also includes medium- and large-sized models.

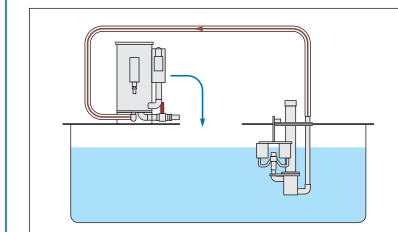
Easy installation in tight spaces

Cleaning saver YD-CS series

For cleaning machines

Designed specifically for cleaning machines, this unit enables high-speed collection through its compact design, a dedicated screw pump and a patented float gate.

- Floating oil collection in workpiece cleaning processes for painting and machining.
- Suitable for temperatures up to 90°C.



25CS600N Pump

25CS800N Pump

Model	Pump			
	DIS size	Head (m)	Oil-water collecting rate (L/min.)	Power (W)
YD-25CS400N-80F	φ25	1.5	5	90
YD-25CS600N-150F				
YD-25CS800N-200F				

Separator