

# LW - RD



**Self-propelled** seawater desalination equipment "LW-RD".

Since this product can be moved by a caterpillar, it can be self-propelled on uneven terrain and is expected to be useful in times of disaster and in mountainous areas.

It weighs about 700kg, so it can be transported by car.

It can also generate electricity and be used as a power source.

This product can be used to respond to the needs of people in disaster-stricken areas. Since it is also equipped with an outlet port, it can supply, particulates, salt, heavy metals, power for lighting, various recharging, etc. As with the other LW series models, the RO membrane can remove bacteria and viruses' organic matter. Therefore, it is possible to produce clean drinking water from oceans, rivers, lakes, ponds, wells, and swimming pools.

		LW-300RD	LW-400RD
Production capability of Fresh water (at 25°C) Max./day	Raw water is Seawater	410 L/hour	550 L/hour
	Raw water is Freshwater	505 L/hour	675 L/hour
Prefiler		Primary Prefilter: 10μ, Secondary Prefilter: 3μ	
Filtration		Reverse Osmosis (RO) Membrane	
Size of RO membrane		3 elements	4 elements
Source water lift		7 m max/25A	
Pump		Source Water Pump (Suction) ×1, RO Pump (Pressure) ×1	
Power source / Fuel/Fuel tank capacity		Diesel Engine 9.5 PS / Diesel fuel only/ Fuel tank capacity 12L	
Dimensions (Approximately).		1,400(W) x 700(D) x 830(H) mm	1,400(W) x 700(D) x 1000(H) mm
Weight (dry condition)		700Kg	750Kg
Accessories	• Raw water hose (with water intake strainer)		7m
	• Treated water hose		5m
	• Concentrated water hose		7m
	• Safety filter cartridge (10μ and 3μ)		1 unit
	• Residual chlorine concentration/PH measuring device		1 unit
	• Equipment cover		1 unit
	• Equipment storage box		1 unit