

Large SENSUI-KUN NCL-LX

*Covering a wider range at faster speeds
Cleaning a large fish farming net in a short period*



**Yanmar's only one
and number one environment-friendly
technology saves net cleaning costs,
promotes farmed fish growth,
and contributes to it's quality improvements
in cultured aquatic products.**

◆ **Taking a short time to clean a large aquaculture net**

The product has a wide cleaning width and travels fast, thus ensuring a top cleaning speed approximately four times as high as that of conventional models. You can expect a significant reduction in operator labor costs.

◆ **Powerful cleaning**

The product uses all the water in the pump, thus exerting powerful cleaning performance.

◆ **Operability and travel performance**

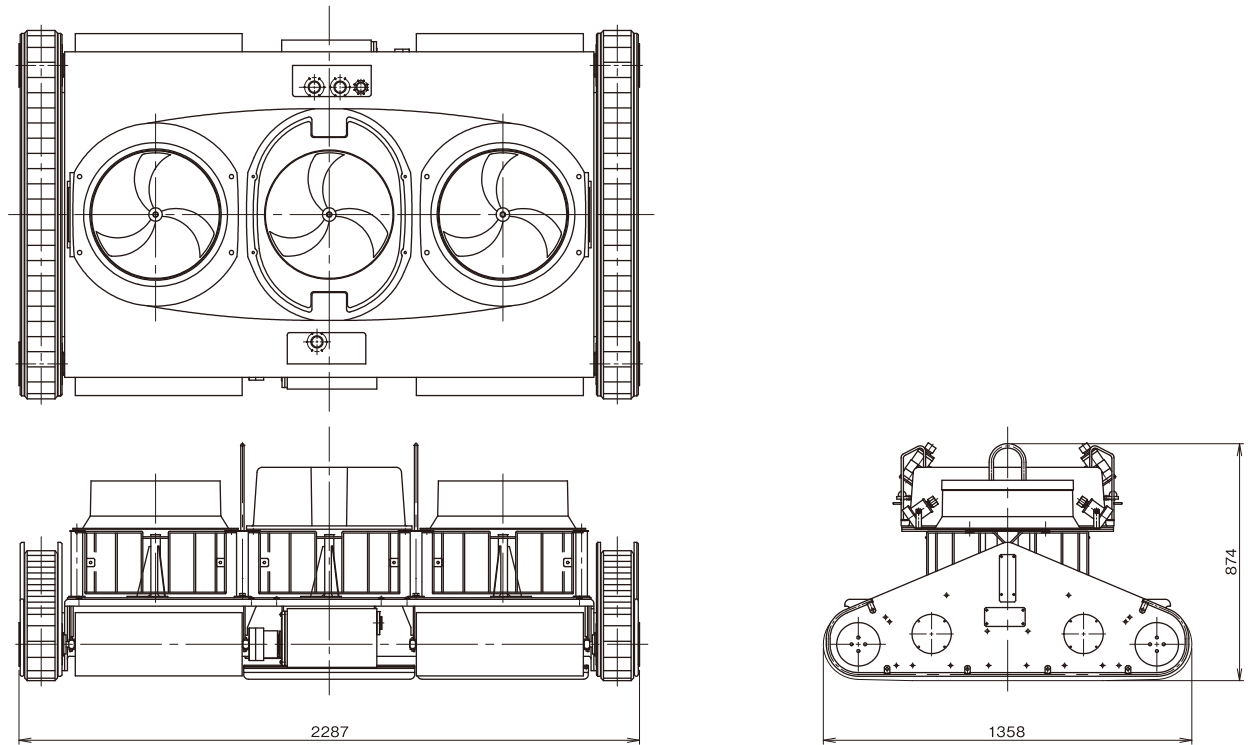
The product uses crawler belts that work in combination with wheels, thus riding over both vertical and horizontal lines and other irregularities of the aquaculture net with ease. Furthermore, the product is equipped with a propeller drive system that utilizes nozzle reaction force and generates strong thrust, thus running stably at high speeds.

◆ **Excellent visibility (Adoption of super-wide-angle cameras)**

The product incorporates a super-wide-angle camera each on the front and rear sides, thus making it possible to confirm the cleaning range on a monitor screen. Furthermore, the super-wide-angle lenses of the cameras ensure ease of use with excellent visibility.



● Dimensions (Units : mm)



● Specifications

Model		NCL-LX	
Operation method		Manual	
Maximum cleaning speed	(m ² /hr)	1600	
Cleaning width	(mm)	1910	
Maximum travel speed	(m/min)	14	
Maximum diving depth	(m)	50	
Body	External dimensions	(mm) 1358 × 2287 × 874 (L × W × H)	
	Weight	(kg) 500	
	Propeller	(mm) 450 dia. × 3	
	Cleaning disk	(mm) 630 dia. × 3	
	Required water pressure and quantity	(MPa) (L/min) 14.7/324	
	Wheel	Two-row rubber crawlers + Four wide tires	
	Drive unit	DC motor with reduction gear running at 48 VDC	
	Water depth sensor	Pressure type × 1	
	Camera	CCD camera provided with super-wide-angle lens × 2 (one each on the front and rear)	
	Light	LED × 4 (optional)	
	High-pressure hose /cords	High-pressure hose	(MPa) Maximum operating pressure: 20.5 Usual operating pressure: 15 (m) 60 (standard) / 100 (optional)
		Power/Control cord	Twisting-resistant (m) x (number of wires) 80 × 1 (standard) / 120 × 1 (optional)
Camera cord		Twisting-resistant (m) x (number of wires) 80 × 2 (standard) / 120 × 2 (optional)	
Control panel	External dimensions	(mm) 500 × 600 × 200 (W × H × D)	
	External dimensions	(mm) 210 × 310 × 150 (W × H × D) (excluding handle)	
Operation box	Switches	Operation ON/OFF switch × 1; Forward-reverse switching lever × 2 (one each on the left-hand side and right-hand side) Speed adjustment knob × 2 (one each on the left-hand side and right-hand side)	
	Converter	24 VDC input/48 VDC output (connected to control panel for machine driving)	
Power unit	Inverter	24 VDC input/100 or 200 VAC output (for monitoring use)	

YANMAR Co., Ltd has patents pending on this product.

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All product specifications in this catalog are subject to change without notice due to product improvements.

⚠ Safety Precautions

- Read the Operation Manual carefully before use and be sure to operate the product according to the information given in the Operation Manual.
- The unreasonable operation of the product may shorten the life of the product and can result in product failures or accidents.
- Be sure to inspect the product periodically in order to prevent product failures or accidents.
- Be sure to receive the warranty card from your dealer.

■ If you have any opinions or questions, feel free to contact the following office.