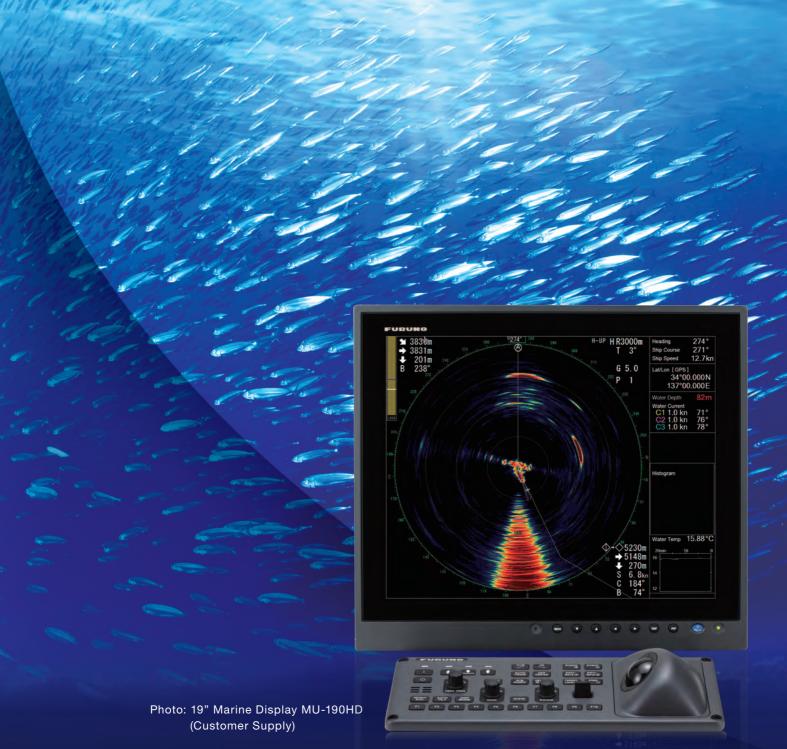
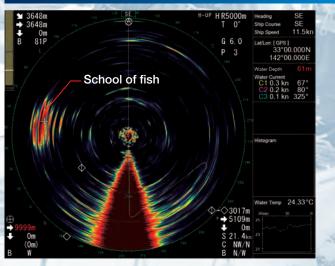


Full-Circle Color Scanning Sonar

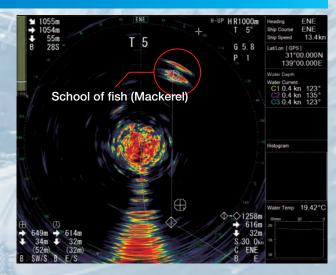


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Easily spot schools of fish far away

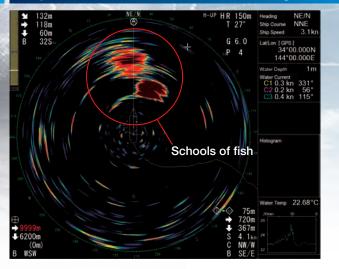


(5000 m range) A school of bait fish can be seen on the port side of the vessel.

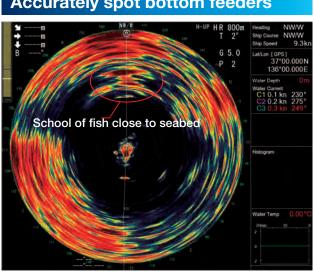


(1000 m range) Targeted school of fish 650 meters away.

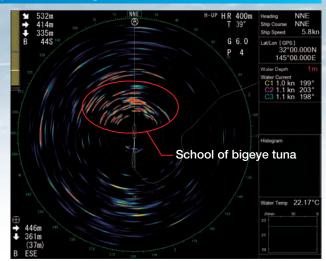
Improved resolution with new signal compression algorithms



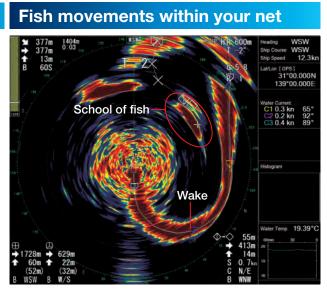
(150 m range) Schools of tuna and skipjack tuna spotted.



(800 m range) A school of fish close to the seabed can be distinguished clearly.



(400 m range) Individual bigeye tunas can be seen in this fish school.



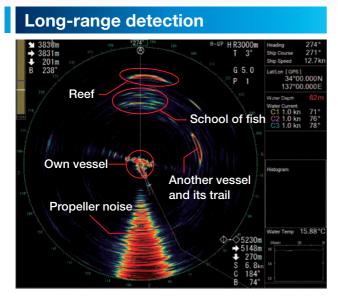
(600 m range) Increase your catch by observing how schools of fish move within your net.

Accurately spot bottom feeders

Stunning performance, amazing range with FSV-25!





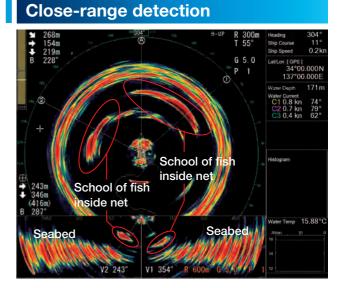


(3000 m range) A school of fish 2000 m ahead. The fish school appears to swim close to a reef.



Full-Circle Color Scanning Sonar





(300 m range) Two schools of fish can be seen right after the purse-line has been pulled and the net has been closed.

Maximum detection range increased by 30 %

Thanks to recent advancements in low-frequency transducer elements, signal processing and increased transmission power, detection range has been increased by a full 30 %*. You can instantly spot and follow schools of fish from several kilometers away.

*Compared with FSV-24/35. Performance may vary depending on depth, range and signal frequency used.

Fully extend the transducer in just 12 seconds for 1200 mm stroke and in 16 seconds for 1600 mm stroke

A transducer "throw" time of just 12/16 seconds (respectively) places the FSV-25 among one of the fastest hull units available. You can extend and retract the transducer rapidly for smooth operation.

Echo strength distribution histogram

Upon locking the target on any given school of fish, a histogram of echo strength distribution can be displayed immediately.

Improved tracking of fast-swimming fish

Accurately track fast-swimming fish such as tuna and marlin, close to your vessel.

Great usability and simple customization

By using the simple user programmable dial, you can set and change the settings depending on which kind of fish you are searching for.

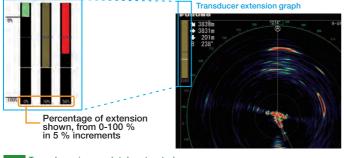
Stop function when extending and retracting transducer

In order to avoid collisions with drift wood and other material, the transducer can be stopped while in motion. The transducer can be lowered to any given length until full extension.

Accurate control with large physical control unit

Graphical hull-unit indicator

See exactly how much the transducer is lowered directly on your display with a simple graphical interface. Instantly spot if and how much the transducer is lowered or retracted, helping you avoid accidents and increase the safety at sea.



Transducer is completely retracted

Stopped in a position between "completely retracted" and "fully extended" Transducer is being raised or lowered

Indicator changes color depending on position and movements of the transducer.

Wired Remote and Sub Control Unit available



Automatically track schools of fish with target lock function

FSV-25 will automatically lock on schools of fish found and display estimates of distance, depth, speed and angle of movement. Target lock is also available for stationary positions (speed and heading information required).

Stabilization function for unwavering performance

The stabilizer ensures that echoes are stable when received, regardless of transducer attitude, counteracting the rolling and pitching motions at sea.

Advanced noise reduction

Sea surface noise, noise from plankton and other weak echoes close to the seabed are effectively reduced.

Auto filter for clear and uninterrupted performance

The auto filter ensures that you get clear and crisp echoes even when travelling at speed. The auto filter is also highly effective against interference from other fish finder equipped vessels.

Excellent performance with FURUNO MU-190HD and MU-231 Marine Displays

With FURUNO Marine Displays you can expect unmatched quality and performance, both in tropical sunlight and in low light conditions.



Photo: 19" Marine Display MU-190HD (Customer Supply)

Capture stills and video

With FSV-25, you can capture and replay both stills and video content recorded on your device. Stills and video can be saved to external USB flash memory.

TLL (Target Latitude and Longitude) output

With TLL output you can save the position of your favourite fishing grounds directly to a connected chart plotter.

SPECIFICATIONS OF **FSV-25**

	GENERAL				
	Scanning method:	: Full digital beam forming			
	Frequency:	20 kHz			
	Range:	60, 100, 150, 200, 300, 400, 500, 600, 800, 1000, 1200, 1600,			
		2000, 2500, 3000, 3500, 4000, 5000 m			
	Audio search:	30°, 60°, 90°, 180°, 330° (selectable)			
	Audio output:	Audio terminal (requires speaker with amplifier)			
	DISPLAY UNIT (C	INIT (Customer Supply)			
	Screen resolution: SXGA(1280×1024),UXGA(1600×1200),WUXGA(1920×1200)				
	Picture color:	32 colors (sonar picture), 6 colors (marks)			
	Orientation:	Head-up, North-up*, Course up* and True Motion*			
		*External sensor required.			
	Presentation modes:				
		Horizontal, Horizontal combination,			
		Vertical 1 combination, Vertical 2 combination			
	Features:	Custom mode, Interference rejecter, After-glow, Noise			
		limiter, Signal level, Auto-tilt, Automatic target tracking			
		(target lock), Fish alarm, AGC, Reverberation suppression,			
		Noise suppression, Transducer stop location control,			
		Over-voltage warning, Unretracted transducer warning			
	TRANSCEIVER UNIT				
	Transmitter:	PDM half-bridge			
	Receiving method: Straight amplifier, full digital beam forming				
H-mode beam-width:					
		TX: 360° x 7°, RX: 12° x 10° (-3 dB full width)			
		TX: 360° x 10°, RX: 16° x 14° (-6 dB full width)			
V-mode beam-width:					
		TX: 360° x 29°, RX: 12° x 10° (-3 dB full width)			
		TX: 360° x 47°, RX: 18° x 13° (-6 dB full width)			
	Tilt angle:	-5° to 60° (downward)			
	Vertical search range: 0° to 60° (downward)				
	HULL UNIT				

	Model name	FSV-253	FSV-254		
	Stroke	1200 mm	1600 mm		
	Raise/Lower time (Full)	12 sec.	16 sec.		
	Speed limitations				
	Transducer extension	Stable	Raising/Lowering		
	0 to 1100 mm	20.0 kn	14.5 kn		
	1100 to 1300 mm	18.0 kn	13.5 kn		

INTERFACE (1)Ports

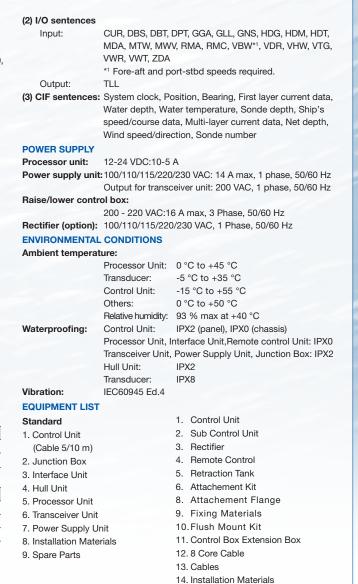
IEC61162-1/2: CIF: External KP: USB:

1300 mm and longer

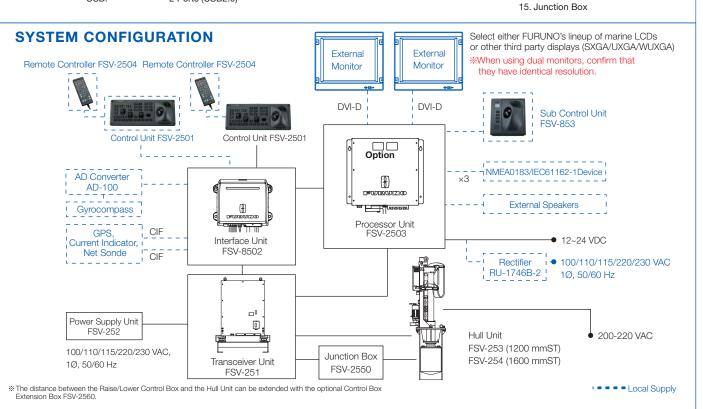
3 Ports (NMEA0183 Ver1.5/2.0/3.0) 2 Ports (input, current) Input:1 Port, Output: 3 ports, TTL level 2 Ports (USB2.0)

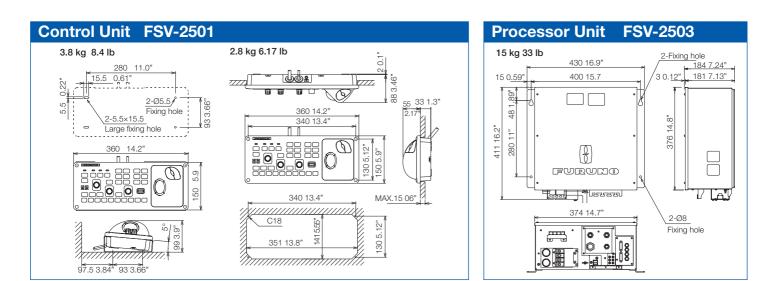
12.0 kn

16.0 kn



(LAN cable10/20/30/50/100 m)



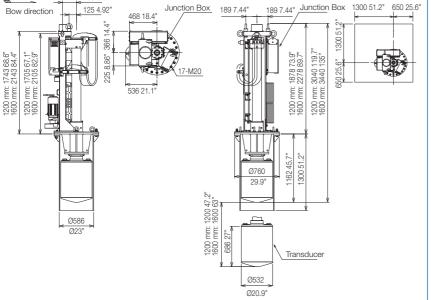


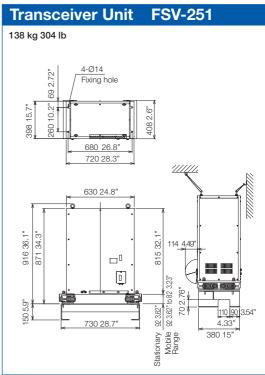
1440 kg

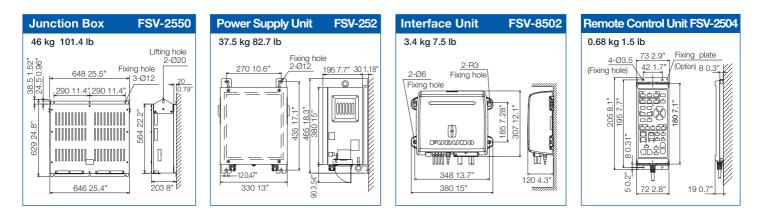
3175 lb

1300 51.2" 650 25.6'

Hull Unit FSV-253/254 FSV-253 (1200mm stroke) 1390 kg FSV-254 (1600mm stroke) 3064 lb (Excluding Junction Box and Tank) 238 9.37 Junction Box 189 7.44' Bow direction 125 4.92 468 18.4"







Beware of similar products

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