

Revolutionary Electric Steering!



IMS - Intelligent Maneuvering System



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Now introducing ReVolutionary Electric Steering system for the One Engine Market.

The Electric steering offer a simpler installation with the CAN-bus cable, replacing the 2 hydraulic hoses from the helm to the control box that is located closer to the engine.

Designed to be cassette installed, with option to install each component separately.

Prepacking version for:

- Boatbuilders
- Wholesalers & Dealers
- Service boatyards

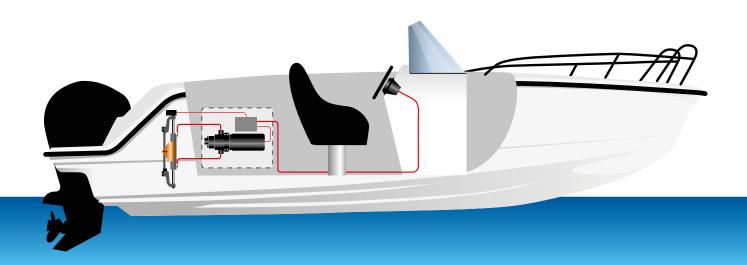
Possible to combine with IMS other functions such as gear throttle control.

In systems with Gear & Throttle control it is simple to add another steering helm, with wheel or steering by joystick.

The system offer:

- Electric Steering Hub with quick connectors
- Autopilot
- Servo / Power assist





Features:

- Consistent steering wheel resistance
- Lock to Lock 1,5 turns, like modern cars well bespoke common standard
- Possible steering wheel center alignment
- Quick installation
- Easy maintenance
- Future Upgrades possible: GPS, MOB-switch, Anti-Theft, etc

Safety features:

Speed related turning circle

Choose between Standard length connection package and Long connection package:

Start package	ES100	
Connection package	ES125	125cm Hoses & 5 meter Can-cable
Connection package	ES175	175cm Hoses & 7 meter Can-cable

For more information: gecea.com

IMS - Intelligent Maneuvering System



Easy Docking

Gecea does now introduce Easy-Docking

By using a multifunction JoyStick the skipper will be able to control the boat in Cruising and Docking situations. A complete system for relaxed Cruising & Docking, for all generations skippers in boating. It can be installed together with mechanically controlled engines and analogue controlled thrusters. Thru its system simplicity it is now priced to compete in the broader market.

Suitable for Aftermarket and Boat-Builders.

Version available for:

- Engine only
- Engine + Bow Thruster
- Engine +Bow Thruster + Stern Thruster

Possible to combine with IMS other functions such as gear throttle control.

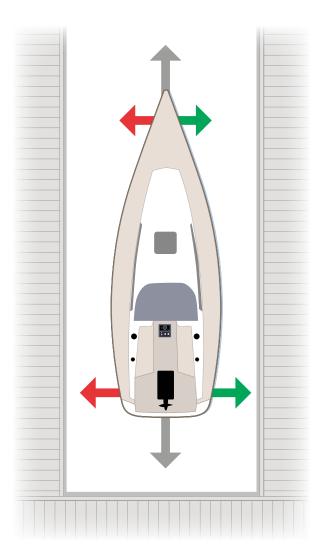
In systems with Gear & Throttle control it is simple to add another steering helm, with wheel or steering by joystick.







 Run Engine and thrusters simultaneously



- Sideways
- Rotate
- Bow thruster
- Stern thruster
- Engine

INSTATRIM ORIGINAL



A better ride - every time

The natural method for making a hull smoother and less costly to drive thru the water is to make it more streamlined. Extending the hulls length by sometimes only a few centimeters is an effective method to allow the boat to come up on plane easier – by adding lift surface aft of the weight center - and thru that save fuel. Adding surface aft of the center of weight provide lift at the place where it pays back the most. A true fuel-saver on most boats.

If you can adjust this surface up & down you have the ability to adjust list and pitch. This is what you give your boat if you install an InstaTrim Trimtabs system.

A system that uses and enforces the strengths of nature. We strongly believe that following laws of fysics and nature is always more energy efficient, avoiding unnecessary turbulence etc.

InstaTrim Original-series rewards the boat and its owner with a better ride every time they go for a ride. With a tab in stainless steel that is lengthening the waterline, it evens out the movements of the boat, and it is adjustable too with the smallest out of drag – make the V-bottom boat have the shape in the water as the designer intended it too.

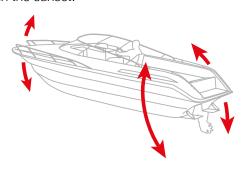
When a boat is driven, on plane, with the wind coming in from the side – it will lean towards and into the wind – since the winds pushes the bow downwind – then

you need to steer up to & against the wind to compensate.

So the rudder/outdrive is a little bit to the side as if it was in a turn, and the boat list as a result of the rudder/outdrive. The list of the boat makes the V-shape un-even and flatter on one side of the boat to the water. When deploying one tab just a little bit you win back the list and the boat becomes V-shaped as the designer originally intended it. The V-shape is easier driven then the un-even flat is.

The deployment of the tab, example 20%, of course cause drag/turbulence but since the hull get it's originally shape back the total drag is less.

InstaTrim trimtabs does also offer better tracking at slow speeds with 1 of the tabs is fully deployed, tabs reduce the amount of wandering port/stbd the vessel does when driving at low speed in canals or trolling/idling home in the sunset.





COMPLETE SETS

TRIM TAB SET Standard	TRIM TAB SET with tablocator	
Art no	Art no	Tab size
100000	100000	10" X 8"
101200	101200	10" X 12"
120000	120000	12" X 8"
121100	121100	12" X 11"
141100	141100	14" X 11"
181100	181100	18" X 11"
181100DC	181100DC	18" X 11"DC
241100	241100	24" X 11"
241100DC	241100DC	24" X 11"DC
300100DC	300100DC	30" x 10"DC
360800	360800	36" X 8"
360800DC	360800DC	36" X 8"DC
400800	400800	40" X 8"
400800DC	400800DC	40" X 8"DC
460800DC	460800DC	46" X 8"DC
550800DC	550800DC	55" X 8"DC
550100DC	550100DC	55" X 10"DC
600800DC	600800DC	60" X 8"DC
600100DC	600100DC	60" X 10"DC
720800DC	720800DC	72" X 8" DC

^{* 46&}quot; and bigger have two(2) cylinders per each tab in standard.

COMPLETE SETS WITH SPORT TABS

TRIM TAB SET Standard	TRIM TAB SET with tablocator	
Art no	Art no	Tab size
075110	075110ind	7,5" x 11"

COMPLETE SETS WITH HEAVY-DUTY TABS AND HINGES

Art no	Tab size
121100HD	12" x 11"SC
121100HDDC	12" x 11"DC
121600HDDC	12" x 16"DC
161300HDDC	16" x 13"DC



You can find all our spare parts on our website - www.gecea.com

Why does the boat list to the wrong side when it's windy?

When the wind pushes the bow to port side you must steer a little to starboard, up against the wind to drive straight forward. This causes the driveunit/rudder to point a little to the side, as if you were in a turn. In a turn the boat is listing to the center of the turn. Now it lists inwards towards the wind, thus it is actually the turn, compensating for the wind, that causes the boat to list to the "wrong" side.

We at GECEA have a long experience of improving driving experience and performance in both pleasure and commercial boats. We develop, manufacture and accomodate trim

tabs and other products to make your boat safer, more efficiant, more comfortable and more fun to drive.

INSTATRIM XP2



In more demanding conditions

The natural method for making a hull smoother and less costly to drive thru the water is to make it more streamlined. Extending the hulls length by sometimes only a few centimeters is an effective method to allow the boat to come up on plane easier – by adding lift surface aft of the weight center - and thru that save fuel. Adding surface aft of the center of weight provide lift at the place where it pays back the most.

If you can adjust this surface up & down you have the ability to adjust list and pitch. This is what you give your boat if you install an InstaTrim Trimtabs system.

A system that uses and enforces the strengths of nature. We strongly believe that following laws of physics and nature is always more energy efficient, avoiding unnecessary turbulence etc.

Instatrim XP2-series rewards the boat and its owner with a better ride every time they go for a ride. With a tab in stainless steel that is lengthening the waterline, it evens out the movements of the boat, and it is adjustable too with the smallest out of drag – make the V-bottom boat have the shape in the water as the designer intended it too. Resulting in a smoother more comfortable ride. The deployment of the tab, example 20%, of course cause drag/turbulence but since the hull get it's originally shape back, making the total drag less.

InstaTrim XP2-series use reliable technology to meet the demands of modern boat in aspect of quality, comfort, fuel consumption and being quick to install. The XP2 can be delivered with Tablocator integrated into the cylinder, and it is the system on the market that actually are measuring the cylinder actual position with a magnet inside, not just calculation where it should be.

Its six edged design allowing it to withhold larger loads, does it also perfect for use on boats in more demanding conditions such as debris and or ice up to 10mm thickness.

XP2-series is a perfect choice for the boatbuilder of 40 to 50 ft yachts, since its stronger design, +40% compared to other standard systems, allow the use of only One cylinder per tab instead of 2 that is otherwise used. With this there is no need for buying the extra cylinder, no need for installing the extra cylinder, the weight and the positive thing of having fewer things onboard over time.

InstaTrim XP2-series trimtabs does also offer better tracking at slow speeds with 1 of the tabs fully deployed, tabs reduce the amount of wandering port/stbd the vessel does when driving at low speed in canals or trolling/idling home in the sunset.



COMPLETE SETS

TRIM TAB SET Standard	TRIM TAB SET with tablocator	
Art no	Art no	Tab size
XP1008	XP1008ind	10" X 8"
xp1012	xp1012ind	10" X 12"
xp1208	xp1208ind	12" X 8"
xp1211	xp1211ind	12" X 11"
xp1411	xp1411ind	14" X 11"
xp1811	xp1811ind	18" X 11"
xp1811DC	xp1811DCind	18" X 11"DC
xp2411	xp2411ind	24" X 11"
xp2411DC	xp2411DCind	24" X 11"DC
xp3010	xp3010ind	30"x10"
xp3010DC	xp3010DCind	30" x 10"DC
XP3608	xp3608ind	36" X 8"
xp3608DC	xp3608DCind	36" X 8"DC
xp4008	xp4008ind	40" X 8"
xp4608DC	xp4608DCind	46" X 8"DC
xp4610Dc	xp4610DCind	46"x10"DC
xp5508DC	xp5508DCind	55" X 8"DC
xp5510DC	xp5510DCind	55" X 10"DC
xp6008DC	xp6008DCind	60" X 8"DC
xp7208DC	xp7208DCind	72" X 8"DC

^{* 46&}quot; and bigger have two(2) cylinders per each tab in standard.

COMPLETE SETS WITH HEAVY-DUTY TABS AND HINGES

TRIM TAB SET Standard	TRIM TAB SET with tablocator	
Art no	Art no	Tab size
xp1211HD	xp1211HDind	12" x 11"SC
xp1211HDDC	xp1211HDDCind	12" x 11"DC
xp1216HDDC	xp1216HDDCind	12" x 16"DC
xp1613HDDC	xp1613HDDCind	16" x 13"DC

12"x16"DC tabs only available with black colored tabs!



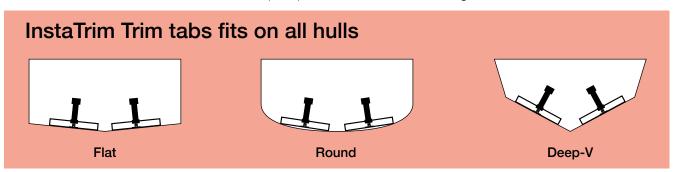
XP2 set, all parts



Instatrim XP2 cylinder



Gecea-Heavy-Duty-Trimtab-special-size



YACHT-SERIES



For yachts and proffessionaly used boats

If there is a competition for the most beautiful trimtab system we think we'll win it with our Yacht-series.

Yacht series is our biggest and most powerful trimtab system. It is aimed for Yachts and professionally used boats in segment 40 to 150 feet, and for water jet propelled crafts. It is a Double acting system with stainless steel cylinders that can be used with 1 or 2 cylinder per each tab. It is offered in a standard 80mm stroke version, and can be offered in any alternative custom stroke length. It can be ordered as a "standalone system" or as a combined running for example a Hatchlift cylinder and a hydraulic driven bath platform or bath-ladder etc.



COMPLETE SET

Art no, 12V Y80-12

Art no, 24V

Set

Y80-24

Switch, Pumpunit, hydraulic hose with stainless steel connectors,

Stainless steel cylinder, Washers, 2 Stainless steel double acting cylinder.

COMPLETE SET, DUAL CYLINDER

Art no, 12V

Art no, 24V

Set

Y80DC-12

Y80DC-24

Switch, Pumpunit, hydraulic hose with stainless steel connectors,

Stainless steel cylinder, Washers, 4 Stainless steel double acting cylinders.

COMPLETE SET, HEAVY-DUTY

Art no, 12V

Art no, 24V

Set

Y80HDDC-12

Y80HDDC-24

Switch, Pumpunit, hydraulic hose with stainless steel connectors,

Stainless steel cylinder, Washers, 2 Stainless steel double acting cylinder.

COMPLETE SET, HEAVY-DUTY, DUAL CYLINDER

Art no, 12V

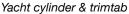
Art no, 24V

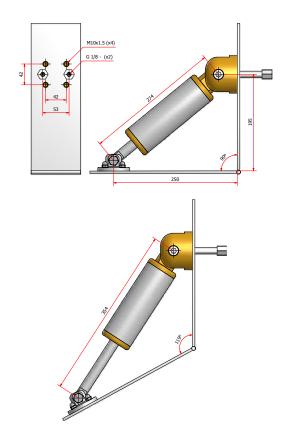
Set

Y80HDDC-12 Y80HDDC-24 Switch, Pumpunit, hydraulic hose with stainless steel connectors,

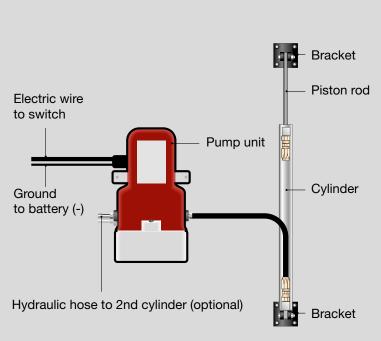
Stainless steel cylinder, Washers, 4 Stainless steel double acting cylinders.







INSTATRIM HATCH LIFT





Helps you open & close hatches etc

A Hatchlift system helps you open & close heavy hatches, Engineroom hatches, or Radar Arches or it can even be installed in an existing Chair or Table pedestal to lift & lower it. It is only your imagination that sets the limit. To open/close lift it by only pushing a button.

The system consists of a pumpunit, 1 or 2 cylinders, an easy connect wire harness & a control button. That is made out of very few parts and it is hydraulic make this system ideal for the customer who wants to use this for very long time, and push weight up to 200 kgs per cylinder. The cylinders are made of anodized aluminum and a stainless steel rod.

D32 PUMP KITS

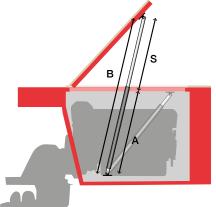
Pumpunit, electrical wire, hydraulic hose, hoseclamps, screws, connectors and biodegradable oil.

Art no	Volt	Cylinders	
81012	12V	1	
81024	24V	1	
81212	12V	2	
81224	24V	2	

D32 CYLINDER KITS

Cylinder/s, hose connections, mounting brackets

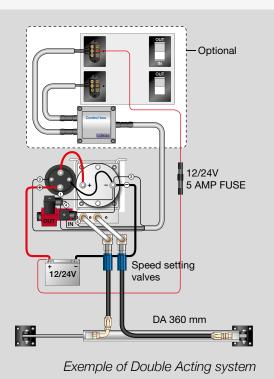
	S	Α	В
Art no	Stroke length	c/c in	c/c out
832300	300 mm	490 mm	790 mm
832450	450 mm	640 mm	1090 mm
832560	560 mm	750 mm	1310 mm
832600	600 mm	790 mm	1390 mm
832656	656 mm	846 mm	1502 mm





Each bracket adds 25 mm

MW HATCH LIFT





Helps you open & close heavy hatches

A MW-500 Gecea HatchLift system help you to open or close Hatches, rooftops etc up to 400 kgs per cylinder (and Gecea Heavy-Duty Hatchlifters up to 800 Kgs per cylinder).

The Gecea MW-500 system can be delivered in 3 different versions.

Single acting versions:

- 1. Push only
- 2. Pull only

Double Acting:

3. Push and Pull

MW-500 PUMP KITS

Pumpunit, electrical wire, 4 meters Hydraulic hose / 6 meters when 2 cylinders.

Art no	Volt	Cylinders
MW500-12SA	12V	1
MW500-24SA	24V	1
MW500-12_2SA	12V	2
MW500-24 2SA	24V	2

MW-500 CYLINDER KITS (SINGLE ACTING)

Cylinder/s, hose connections, mounting brackets

Art no	Stroke length
832150HD	150 mm
832300HD	300 mm
832450HD	450 mm
832530HD	530 mm
832560HD	560 mm
832600HD	600 mm
832656HD	656 mm



SERVICE PARTS



D-Plus Retrofit

The D-Plus system was supplied in 2 version with either 2 outlets for trimtabs only or with 3 outlet for trimtabs and Hatchlift. All were with the Tablocator included. Today 13 years after the production was stopped we offer D-Plus retrofit systems as follows.

D-PLUS RETROFIT UNIT

Art no	Description
DP-LT	For Trimtab functions only, without Tablocator
DPHL	For HatchLift & Trimtab functions, w/o Tablocator
DPind-LT	For Trimtab functions only, with Tablocator
DPindHL	For HatchLift & Trimtab functions, with Tablocator

Universal Motor Pump

Insta-Trim Universal Motor Pump that fit to all brands of hydralic trim tab motor pumps. Choose 12700-12UNIV for 12 volt & 12700-24UNIV for 24 volt systems. The Pump has adjustable pressure relief valve set at 400psi. - Built in bypass so fluid circulates so that pump will not stall.

- Motor has thermal overload protection.
- Includes all necessary fittings for a single cylinder system.
- Kit contains Biodegradable oil and funnel.
- Heavy duty solenoid valves that lock cylinders in place.
- 18" wire harness with color coding instructions for other brands.
- Installation Instructions.

Refit brands: InstaTrim, TX, QL, Bennett, CAN, TrimMaster

"With a Universal pump in the store it is possible to sell ONE box to at least 5 different brands/customers"

TX-Cylinder Retrofit

The TX-cylinder and the XP2-cylinder has about the same diameter and stroke length making it the best choice when only one TX-cylinder needs to be replaced. Add the connection 127-N1/8.

The TX-trimtab cylinder and the XP2-cylinder are the most similar one the market today comparing stroke and diameter, which makes the XP2-cylinder ideal when replacement is needed of one or more of TX-cylinders. To use the XP2-cylinder with the original TX-nylon hose order 1 pce connection P/n:12727n6 with each cylinder.

To retrofit any other American brand – order 1 pce connection P/n: 12727-1/8 with each cylinder.

Hatch Lift Retrofit

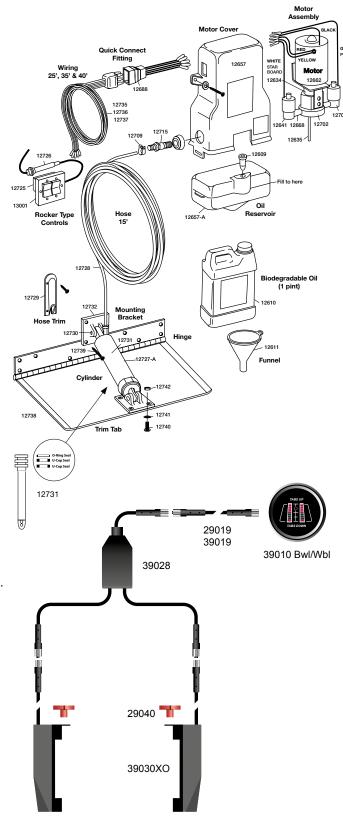
To Retrofit the HatchLift only, we recommend to use the InstaTrim HatchLift system. P/n: 81012SC Hatchlift pump kit with Hose and wire from pump to switch, & switch Up/Down or the MW-500 Hatch Pump kit P/n: MW500-P.

SERVICE PARTS

Art no	Description
12700-12univ	Universal pumpunit 12 Volt, "in-shop" box!
12700-12	Mount to Bennett,TX QL etc. etc.
	Complete motorpump unit 12 volt
12700-12-	Complete Pump unit, 12V, for Insta Hatchlift
HLSC	- 1 cylinder only
12700-12DC	Complete motorpump unit 12 volt for dual cylinders
12700-24	Complete motorpump unit 24 volt
12700-24DC	Complete motorpump unit 24 volt for dual cylinders
12662-12 / 24	12 // 24 volt motor only
12657-A	Oilreservoir standard size
12657-3P	Oilreservoir apx. 1,4 litres
	for HatchLift-pumps
12641-12 / 24	Solenoid valve 12/24volt, white wire
12701-12 / 24	Solenoid valve 12/24volt, green wire
12609	Oil reservoir plug
12728	Hydraulic hose, 2000 pounds burst preasure, price per meter
12729	Hose trims with screws, each
12727A	Hydraulic cylinder with hose, each
12730 / XP	Cylinder pin Original // XP & XP2-series
12730HD	Cylinder Pin for XP in Stainless steel
12731	Seal kit for cylinder
12731XP	Seal kit for XP-cylinder & XP2-cylinder
12727XP	Hydraulic XP2-cylinder with sensor
12727wos	Hydraulic XP2-cylinder, WITHOUT sensor
12725-R	New Round design Switch, Waterproof,
	Suitable for Flybridge installation.
12735	25'wire harness
13000-25	25'wire harness for flybridge controls
12732	Nylon cylinder brackets (1 piece)
12744	Screw and bolt kit
12738HD	Heavy-Duty tabs with hinge, per square inch
12610	0,4 Liter Biodegradable hydraulic oil
12610-1L	1 Litre Biodegradable hydraulic oil
12611	Funnel
12612	Oil & Funnel kit,
	(Suitable for "in shop" placement)
12780	Zinc-set (set of 2 pcs), to be fitted on trimtabs

TabLocator Parts

39010bwl / wbl	Instrument with Brace, Black / White face.			
39019	Cable 8m. From Instrument to Y-connector			
29029xo	29029xo Y-CONNECTOR Harness XO-series			
39030xo	OUTSIDE SENSOR 2m. CABLE,			
	CONNECTOR XO-series			
29040	INSIDE SENSOR			



Go to our website for all service parts.

TABLOCATOR





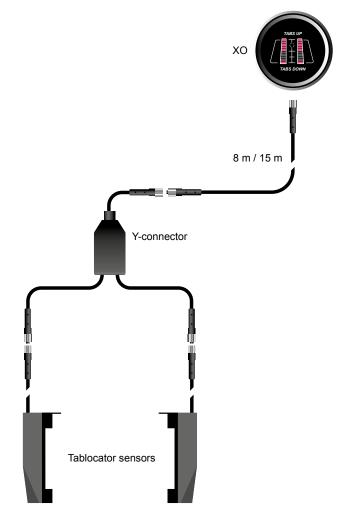


New Electronic Tablocator, model XO

InstaTrim's new XO-model Electronic Tablocator clearly shows the position of the tabs, using simple reliable technique. This new XO-Tablocator uses material of higher grade to withstand the challenges of strong sun, warm & cold conditions, still accurately displaying the position of each tab. Possible to purchase with InstaTrim's Originals system and the XP2-series, or upgrade your existing InstaTrim system with XO-Tablocator.

- White & Black instruments with different colour bezels to match any dashboard.
- XO-Tablocator uses waterproof Pin-plug connectors for quick easy installation.
- Easy Upgrade for Dual station/Flybridge installations.





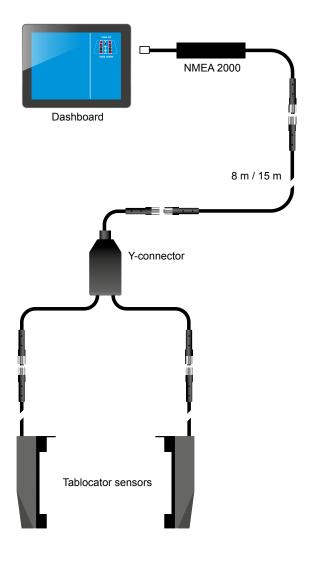


NMEA interface

For InstaTrim Tab position indicator

Choose to have your Tablocator with the NMEA-Interface when preference for a clean dashboard or Glass cockpit. Excellent when dashboards are modernized since it can be fitted with all InstaTrim Tablocators since year 1999, models 2001 and XO.

Easy plug-in from the Tablocators standard cable to the NMEA-network with the built in drop-cable.



STEERING WHEELS for Scandinavian Distribution



New!

Gecea expand the products with Steering Wheels from Savoretti. A Scandinavian assortment in stock for quick delivery. When you order a complete steering package you get extra discount on the steering wheel.























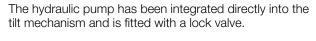


S=Stock L=Leadtime, after order

LS Tilt Pumps HB5 - Compact Simple Best

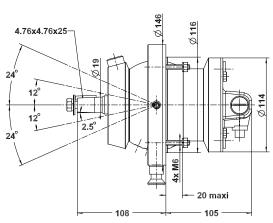


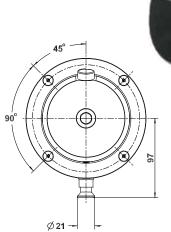
This product – the only one of its kind – is the most compact system on the market.

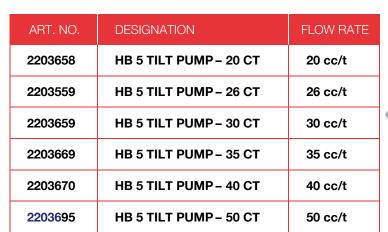


ORIENTATION RANGE

Possible orientation angle: -24° to +24° (5 positions).



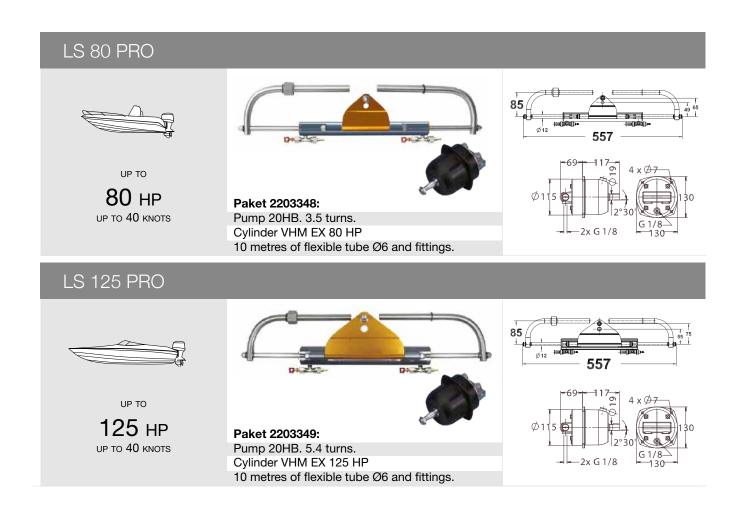






LS HYDRAULIC STEERING





LS 175 PRO



UP TOL

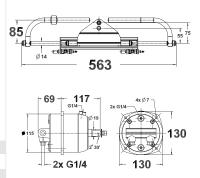
175 HP **UP TO 40 KNOTS**



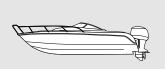
Paket 2203350:

Pump 26 HB. 5.3 turns. Cylinder VHM EX 175 HP

10 metres of flexible tube Ø8 and fittings.



LS 225 PRO



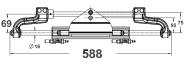
UP TO

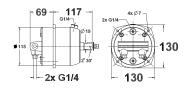
225 нр **UP TO 40 KNOTS**



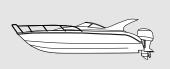


Pump 26 HB. 4.9 turns. Cylinder VHM EX 225 HP 10 metres of flexible tube Ø8 and fittings.





LS 3500 PRO



UP TO

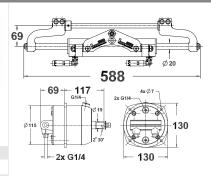
350 HP **UP TO 40 KNOTS**



Paket 2203576:

Pump 30HB. 6.5 turns. Cylinder VHM EX 3500 HP

10 metres of flexible tube Ø8 and fittings.









MULTIFLEX



MULTIFLEX EDGE CONTROL CABLE

Low friction

Cable length		EEC-133-feet	EEC-005-feet	EEC-036-feet
Feet 6	Meter 1,83	Part.no. EEC-133-06	Part.no. EEC-005-06	Part.no: EEC-036-06
7	2,14	EEC-133-07	EEC-005-07	EEC-036-07
8	2,44	EEC-133-08	EEC-005-08	EEC-036-08
9	2,75	EEC-133-09	EEC-005-09	EEC-036-09
10	3,05	EEC-133-10	EEC-005-10	EEC-036-10
11	3,36	EEC-133-11	EEC-005-11	EEC-036-11
12	3,66	EEC-133-12	EEC-005-12	EEC-036-12
13	3,97	EEC-133-13	EEC-005-13	EEC-036-13
14	4,27	EEC-133-14	EEC-005-14	EEC-036-14
15	4,58	EEC-133-15	EEC-005-15	EEC-036-15
16	4,88	EEC-133-16	EEC-005-16	EEC-036-16
17	5,19	EEC-133-17	EEC-005-17	EEC-036-17
18	5,49	EEC-133-18	EEC-005-18	EEC-036-18
19	5,80	EEC-133-19	EEC-005-19	EEC-036-19
20	6,10	EEC-133-20	EEC-005-20	EEC-036-20
21	6,41	EEC-133-21	EEC-005-21	EEC-036-21
22	6,71	EEC-133-22	EEC-005-22	EEC-036-22
23	7,02	EEC-133-23	EEC-005-23	EEC-036-23
24	7,32	EEC-133-24	EEC-005-24	EEC-036-24
25	7,63	EEC-133-25	EEC-005-25	EEC-036-25
26	7,93	EEC-133-26	NA	EEC-036-26
27	8,24	EEC-133-27	EEC-005-27	EEC-036-27
28	8,54	EEC-133-28	NA	EEC-036-28
29	8,85	EEC-133-29	NA	NA
30	9,15	EEC-133-30	EEC-005-30	EEC-036-30
31	9,46	EEC-133-31	NA	NA
32	9,76	EEC-133-32	NA	EEC-036-32
34	10,37	EEC-133-34	NA	EEC-036-34
35	10,68	EEC-133-35	NA	NA
36	10,98	EEC-133-36	NA	EEC-036-36
38	11,59	EEC-133-38	NA	EEC-036-38
40	12,20	EEC-133-40	NA	EEC-036-40
42	12,81	EEC-133-42	NA	NA

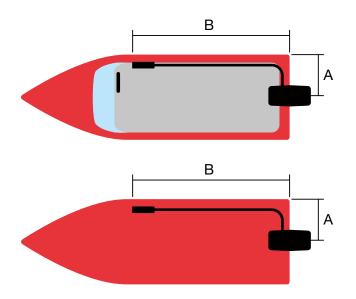
CROSS REFERENCE

Cable length

Multiflex	Teleflex	Ultraflex	Morse	Application
EC-033	Universal Cable CC172	C2	NA	Yamaha, Suzuki, Honda, Nissan, Tohatsu, Selva
EC-133	Mira Cable CC330	C8	33C RED Jacket 32377-003	Yamaha, Suzuki, Honda, Nissan,
EC-005	600A CC179	C5	Type KM 637323	Mercury, Mercruiser, Mariner over 50Hp
EC-014	400 Type CC205	C14	Type OS 302029	After 1979 Johnson, Evinrude
EC-043	CC 693	C22	Type OS 302029	Heavy-Duty
EC-016	CC 693	NA	NA	Mariner up to 50Hp
EC-036	CC 189	C36	NA	Mercruiser & Gen II
EC-020	CC 343	B14	NA	Engine Stop wire

Modell 133: Volvo, Yamaha, Suzuki, Nissan, Tohatsu, Selva

Modell 036: Mercruiser Gen II Modell 005: Mercruiser Gen I



OUTBOARD

A + B + 3' (90 cm) = L

INBOARD / STERNDRIVE A + B = L

GZ GANGWAY LADDER



