


SUN CYPRUS

YACHTING

PROPELLERS:

GORI PROPELLER
experience the difference


MADE IN ITALY

First introduced on the world market in 1975, GORI Propeller has gone on to build a reputation without parallel throughout the industry due to its low water resistance, effective manoeuvrability, and patented single drive overdrive technologies. GORI Propeller supplies a full range of folding and custom-made propellers for commercial projects worldwide.



3-blade Folding propellers

The 3-blade GORI Folding Propeller is the only folding propeller operating the same pitch in forward and in reverse. This is a technological and functional leap forward in the development of sailboat propellers. Gain the folding propeller's speed advantages under sail, and the fixed propeller's thrust capability when motoring.

3-blade Overdrive propellers

The 3-blade GORI Overdrive Folding Propeller give the helm the ability to choose the pitch and profile of the blades without the use of hydraulics or complicated mechanical devices. One propeller. Two settings. When in Overdrive there is less engine noise, less vibration, and better fuel economy. It really is that simple.



More info:



2-BLADE GORI FOLDING PROPELLER

A great all-round propeller with a host of unique features

The 2-blade Gori Folding Propeller is designed for sailing yachts fitted with engines up to approximately 60 HP (44 KW). The geared blade design ensures blades open and close together, giving less vibration ahead and astern. Under sail blades close simultaneously. It is available in 7 diameters from 11.5" to 18" for shaft installation and Sail-drive. RH and LH rotation.

WHY NOT AN EXTRA KNOT?

Under sail, a fixed propeller slows a yacht much more than most people would imagine. Tests have shown that the 2-blade Gori Folding Propeller can reduce the yacht's total drag by up to 35% – one full knot of extra speed under sail. A folding propeller as opposed to a feathering propeller does not snag seaweed, lobster lines or plastic bags when sailing.

FULL POWER AHEAD & REVERSE

The Gori Propeller gives you the optimum thrust in reverse by virtue of its precision engineered blade shape and profile and does not rely solely on the centrifugal force to open the blades as do many other folding propeller types. Tests have shown that the efficiency of the 2-blade Gori Propeller in forward is better than most 2- and 3- blade feathering and folding propellers. In reverse, tests have shown that the efficiency of the 2-blade Gori Propeller is equal to or better than most 2- or 3-bladed fixed, feathering, and folding propellers.

COMPATIBLE WITH ALL MAJOR SAIL-DRIVES

The hub of the Sail-drive propeller is manufactured with a flexible bushing that absorbs shock and electrically insulates the propeller from the Sail-drive leg, as required by the engine manufacturers. The propeller fits most Sail-drives: Volvo Penta, Bukh, Yanmar, Oceanvolt, Nanni, Vetus etc.

Shaft installation



Sail-drive



Sodebo, IDEC, Groupama III, Spindrift 2 etc. all have Gori racing propellers, so do the One Designs, Soto 40, Mills 37, HH 42, KER 33, 46, MOD 70, NYYC IC37, Botin 40, McConaghy 38, C&C 30, Farr 280, 400 etc.

READY FOR ANYTHING

The racing series of folding propellers is offered to racing yachtsmen all over the world from 30 footers to Maxi Racers, and for shaft installation as well as for Sail-drive and Hydrodrive.

MODEL	DIAMETER	TYPICAL BOAT SIZE
375 Racing	375 mm	30'
380 Racing	380 mm	35'
425 Racing	425 mm	40'
450 Racing	450 mm	45'
475 Racing	475 mm	50'
530 Racing	530 mm	VOR 65

3-BLADE GORI FOLDING PROPELLER

Combining minimum drag under sail with maximum thrust while motoring

The 3-blade Gori Folding Propeller marks a technological and functional leap forward in the development of propellers for sailboats. It is the only folding propeller operating the same pitch in forward and in reverse, the blades pivot 180 degree. It is now possible for sailboats and motorsailers to gain the folding propeller's speed advantages under sail, combined with the fixed propeller's thrust capability when motoring. The 3-blade Gori Folding Propeller was introduced on the market in 1994 and won the DAME award and HISWA award the same year, as the best new marine product.

OVERDRIVE FUNCTION, LESS IS MORE

The 3-blade Gori Folding Propeller's Overdrive function adds a new dimension to sailing under power. The helmsman can choose the propeller pitch and profile in the water while sailing forward by regulating the yacht's shift and throttle control. Without the use of vulnerable hydraulics or complicated mechanical devices. Used when motorsailing in fair weather or when using the engine under sail, Overdrive provides the same speed at lower rpms resulting in less engine noise, less vibration, and better fuel economy.

FULL SPEED UNDER SAIL

Traditionally, folding propellers are best suited for small and medium size sailboats with moderate engine sizes. However, the 3-blade Gori Folding Propeller's unique design brings these advantages within the reach of larger sailboats and motorsailers. The extra speed under sail is substantial, and the unique design prevents seaweed etc. snagging the propeller. Tests by major yachting magazines have shown that the 3-blade Gori Folding Propeller has a much better efficiency both forward (+11%) and reverse (+6,5%) than a feathering propeller.

PRACTICALLY DESIGNED FOR MOST ENGINE SIZES

The 3-blade Gori Folding Propeller is offered in diameters from 15" and up to 30", for boats fitted with engines from approximately 10 HP (7 KW) and up to approximately 300 HP (221 KW). The 3-blade Gori Folding Propeller is manufactured in the same professional quality, where every single propeller has its own number and a "logbook" during production.

Each propeller is balanced dynamically.



3-BLADE GORI SINGLE PITCH PROPELLER (SP)

Low drag, high power for a wide range of sailboats

The 3-bladed Gori Single Pitch Propeller is a further development of the award winning 3-blade Gori Overdrive Propeller (OD). It has all the major features of the original propeller, apart from the Overdrive. It has the same low drag (1.4 Newton at 6 knots), and it operates the same pitch in forward and in reverse, giving the same thrust in both directions.

MORE POWER FOR MORE SAILBOATS

The propeller blades have the same pitch on both sides of the blades, so it does not matter whether the straight edge or the curved edge is the leading (Curved edge normally is the leading edge). The single pitch propeller is available from 15" through 20" in LH version, for both shaft and saildrive, and from 22" through 30" for RH shaft applications. The 3-blade Gori Propeller (SP) or (OD), is the most efficient sailboat propeller under sail as well as power.



J-121, Yard: J-Boats US



Hallberg Rassy, Yard: Hallberg Rassy Varv

4-BLADE GORI PROPELLER

More blade area, for more power for engines with 200+ horsepower, or when not enough room for an optimized 3-blade propeller

The 4-blade Gori Propeller has the same features and operates the same way as the 3-blade Gori Propeller, with the blades pivoting 180 degrees between forward and reverse, providing the same thrust in both directions.

LOWEST DRAG OF ALL 4 BLADE PROPELLERS

4-blade propellers are used when there is not enough blade area on a 3-blade propeller to put the HP to the water, or when there is not enough room for an optimized 3-blade propeller, and typically from 200 HP and up. The 4-blade Gori Propeller is available in sizes from 21" through 32" diameter, in both LH and RH. Similar to the 3-blade Gori Propeller, the 4-blade Gori Propeller has the lowest drag of all 4-blade propellers, and does not auto rotate when folded.

