

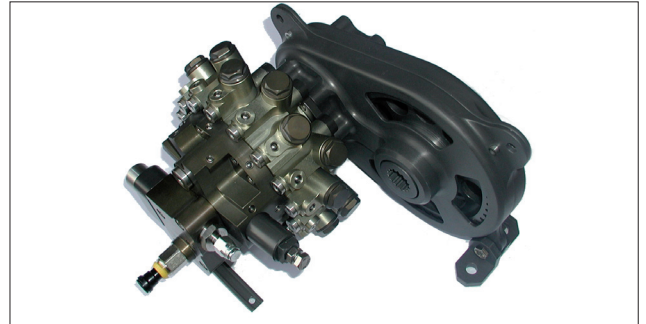
ROTARY PUMP

Cariboni's pedestal pumps have changed the hydraulics for cruise-racer and racer yachts. This kind of pumps is compact and lightweight and can be arranged on coffer grinder to give highest performances and complete integration with winch handle.

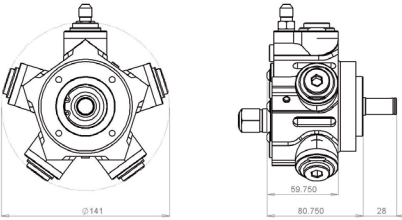
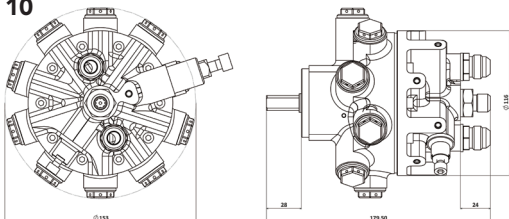
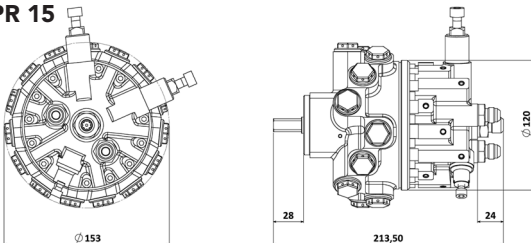
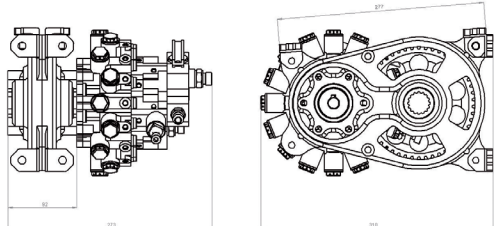
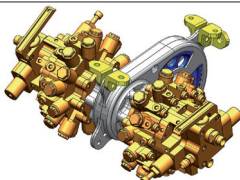
Now you can choose between two kind of pedestal pump and many accessories and arrangements:

- **IPR 5:** 5 radial pistons fixed displacement pump
- **IPR 10:** 10 radial pistons, 2 speed, variable displacement pump
- **IPR 15:** 15 radial pistons, 3 speed, variable displacement pump
- **IPR 16:** 16 radial pistons, 2 speed, variable displacement pump

Here below you can see the overall view of our axial pumps and their features.



Cariboni's rotary pump with 2:1 gearbox

	TYPE	DESCRIPTION	PERFORMANCE
	<p>IPR 5 5 axial pistons Black hard coated 6082 T6 aluminium alloy. Self-priming system.</p>	<p>Working pressure: 700 bar (10.000PSI) Weight: 2.90 kg Displacement: 1.6 cc (each cylinder). Tot oil flow x turn: 8 cc Dim: ø141x80.75mm</p>	
	<p>IPR 10 10 axial pistons Hard coated 7075 aluminium alloy. Self-priming system. Autoshift system with adjustable valve.</p>	<p>Working pressure: 700 bar (10.000 PSI) Weight: 2.4 kg Tot. oil flow x turn: 14.71 cc (second speed) 4.52 cc (first speed) Dim: ø154x118mm</p>	
	<p>IPR 15 15 axial pistons Hard coated 7075 aluminium alloy. Self-priming system. Autoshift system with adjustable valve. By-pass valve to disengage hydraulically the pump.</p>	<p>Working pressure: 700 bar (10.000 PSI) Weight: 3.9 kg Tot. oil flow x turn: 20.83 cc (third speed) 10.68 cc (second speed) 4.52 cc (first speed) Dim: ø154x154mm</p>	
	<p>IPR 16 16 axial pistons Hard coated 7075 aluminium alloy. Self-priming system. Autoshift system with adjustable valve. By-pass valve to disengage hydraulically the pump. 2:1 aluminium gearbox (only for coffer grinder arrangement)</p>	<p>Working pressure: 700 bar (10.000 PSI) Pump weight: 4.7 kg Gearbox weight: 2.9 kg Displacement: 3.2 cc (high flow) 1.8 cc (high pressure) Tot. oil flow x round: 40.2 cc (high flow) 14.6 cc (high pressure) Dim: 195x273x310mm</p>	
	<p>2x IPR 16 Multi pumps on gearbox arrangement. Self disengage system on pressure. Different ratio gearbox available on request for tuning.</p>	<p>Working pressure: 700 bar (10.000 PSI) Overall weight: 13 kg Overall flow rate: over 0.8 lit/turn Standard shaft coupling</p>	