

# HARBOUR TUG Q1003 PROJECT

Classification	LRS + 100A1 + LMC "Tug" for unrestricted service
LOA	30.0 m
Beam max.	9.8 m
Moulded depth	4.7 m
Draft	3.7 m
Deadweight	180 t
Main engines	Yanmar; 2 x 1,325 kW; Z-drive
Propulsion	2 x 360 deg azimuth thrusters with CPP in nozzles
Bollard pull	45 t
Fi-Fi system	1 x 1400 cub.m/h; 14 Bar; water + foam
Towing winch	750 m 48 mm dia wire rope; breaking strength 125 t
Fuel oil	175 cub.m
Fresh water	25 cub.m
Speed	12.0 kn
Crew	10



Design is developed in cooperation with Blumarlin International (Singapore)