



Smart Maneuvering Solutions



YMV
BOW THRUSTERS/
STERN THRUSTERS/
TUNNEL THRUSTERS/



MAIN PROPERTIES:

- Tunnel thrusters with fixed pitch propeller available for bow or stern applications
- Electric or hydraulic driven
- Motor drive: 22kW to 500 kW
- Propeller diameter (mm): 440 to 1400
- Propeller material: Bronze

OPTIONAL:

- Wing panels for Port and Starboard
- Horizontal/Vertical Motor Application
- Supervision for Start-up & Commissioning
- Additional tunnel
- Class Certification

PRODUCT PACKAGE:

- Tunnel thruster
- Electric or hydraulic motor
- Gravity Oil Tank
- Main panel with frequency convertor



System Control

- Power Supply: 220 V/380 V/440 V
- Communication: MODBUS RTU others are optional.
- Inputs: Programmable Inputs, Emergency stop
- Outputs: Start&Stop command

Features

- When there are several bow thruster control units it is possible to take over control
- Touch screen for setting and indicators
- Configurable overload limit
- Main Switch Board load request command
- Programmable safety conditions



“YMV designs and manufactures according to customer's operational needings”

TECHNICAL SPECIFICATIONS

YMV Model	Power (kW)	Propeller Diameter (mm)	Electric Motor (RPM)	Tunnel Diameter (mm)	Tunnel Length (mm)	Max Thrust Force (kN)
YMV-BWT/E-C22	22	440	1000	480	1000	2,6
YMV-BWT/E-C30	30	440	1450	480	1000	3,6
YMV-BWT/E-C37	37	440	1450	480	1000	4,4
YMV-BWT/E-C45	45	460	1450	500	1000	5,3
YMV-BWT/E-C55	55	500	1450	550	1000	6,5
YMV-BWT/E-C75	75	635	1450	690	1000	9,2
YMV-BWT/E-C90	90	635	1450	690	1000	11
YMV-BWT/E-C110	110	665	1450	720	1000	13
YMV-BWT/E-C132	132	665	1450	720	1000	16
YMV-BWT/E-C160	160	800	1450	860	1000	20,5
YMV-BWT/E-C200	200	900	1450	965	1000	27
YMV-BWT/E-C250	250	1000	1450	1055	1500	35
YMV-BWT/E-C315	315	1050	1450	1120	1500	41
YMV-BWT/E-C355	355	1100	1450	1190	1500	49
YMV-BWT/E-C400	400	1170	1450	1250	1500	56
YMV-BWT/E-C450	450	1250	1450	1330	2000	63
YMV-BWT/E-C500	500	1300	1450	1430	2000	70



YMV KREYN VE MAKİNA
SİSTEMLERİ SAN.TİC.A.Ş
Orhanlı Mah.Dostane Sok.
No:12 34956 Tuzla/İSTANBUL
TURKEY

Contact:
(90)2163944325
info@ymvcrane.com
www.ymvcrane.com