

CORPORATE PROFILE

The corporate's history dates back to the year 1962 when our Founder & Chairman Mr.S.Murugan started our parent company SM ENGINEERING WORKS in Tamilnadu's Nagercoil in the District of Kanyakumari, the south end part of India. The primary activities are Sales, Spares, Service & contract Maintenance of Marine Gear Boxes, Marine Engines, Marine Gensets, Auxiliary Engines & other Marine equipment & Accessories

In 2006, to cater the increasing needs & demands of various types of marine gear boxes & engines for the marine industry, SM Marains started promoting marine hydraulic gearboxes from ADVANCE Group Company and heavy duty marine diesel engines from SINOTRUK

We have established Sales, Service & Spares network across Indian Coast line with 30+ Branches & Service points, 300+ Service Technicians & Engineers working 24/7 for the uninterrupted services to the marine industry in India

We are the authorized distributor in India for



Operating standards



Off the Shelf Parts Availability



60+ years of experience



24/7 service support Across coastal Line



30+ Branches and Service points



Service Support Within 3 hours



Certified Gearbox



300+ Service Engineers and Technicians



MARINE ENGINE LINE-UP

LIGHT DUTY ENGINES

Typical Operation:

Allowable Load Factor is up to 75% of Rated Power.
 Allowable Cruising Speed is up to 91% of Rated Speed.
 100% of Rated Power is available intermittently for 1Hr per every 6Hrs operation. Operating hours is less than 3000Hrs per year.

Typical Vessel Application:

Pleasure Boats, Yachts, Patrol Boats, Fire Fighting Boats

High Speed Engines

Model	Output
S6B3-T2-MPTK2L, 600Hp	448kW/2001rpm
S6A3-T2-MPTK3L, 748Hp	558kW/1900rpm
S6R-T2-MPTK, 811Hp	605kW/1800rpm
S6R-T2-MPTK2, 926Hp	691kW/1696rpm
S6R2-T2-MPTK, 818Hp	610kW/1500rpm
S6R2-T2-MPTK3L, 1017Hp	759kW/1406rpm
S12A2-T2-MPTK, 1150Hp	858kW/1920rpm
S12R-T2-MPTK, 1621Hp	1210kW/1800rpm
S12R-T2-MPTK2, 1798Hp	1342kW/1800rpm
S16R – T2-MPTK, 2157Hp	1610kW/1800rpm
S16R2-T2-MPTK, 2526Hp	1885kW/1500rpm
S16R2-T2-MPTK2, 2807Hp	2095kW/1500rpm

Medium Speed Engines

Model	Output
S6U-MPTK, 1650Hp	1231kW/1200rpm
S6U2-MPTK, 1700Hp	1268kW/1000rpm
S8U-MPTK, 2199Hp	1641kW/1200rpm
S12U-MPTK, 3299Hp	2462kW/1200rpm
S16U-MPTK, 4398Hp	3282kW/1200rpm

MEDIUM DUTY ENGINES

Typical Operation:

Allowable Load Factor is up to 83% of Rated Power.
 Allowable Cruising Speed is up to 94% of Rated Speed.
 100% of Rated Power is available intermittently for 8Hrs per every 24Hrs operation. Operating hours is less than 6000Hrs /year.

Typical Vessel Application:

Bay AreaTug Boats, Working Boats, Passenger Boats, Ferry Boats

High Speed Engines

Model	Output
S6B3-T2-MPTK2Z, 507Hp	378kW/2001rpm
S6A3-T2-MPTK, 596Hp	445kW/1900rpm
S6A3-T2-MPTK3M, 673Hp	502kW/1900rpm
S6R-T2-MPTK, 697Hp	520kW/1650rpm
S6R-T2-MPTK2, 817Hp	610kW/1637rpm
S6R2-T2-MPTK, 710Hp	530kW/1400rpm
S6R2-T2-MPTK3M, 926Hp	691kW/1406rpm
S12A2-T2-MPTK, 1040Hp	776kW/1860rpm
S12R-T2-MPTK, 1394HP	1040Kw/1650rpm
S12R-T2-MPTK2, 1611Hp	1202kW/1650rpm
S16R – T2-MPTK, 1849Hp	1380kW/1650rpm
S16R2-T2-MPTK, 2144Hp	1600kW/1400rpm

Medium Speed Engines

Model	Output
S6U-MPTK, 1499Hp	1119kW/1100rpm
S6U2-MPTK, 1549Hp	1156kW/960rpm
S8U-MPTK, 1999Hp	1492kW/1100rpm
S12U-MPTK, 2999Hp	2238kW/1100rpm
S16U-MPTK, 3999Hp	2984kW/1100rpm

HEAVY DUTY ENGINES

Typical Operation:

Allowable Load Factor is up to 100% of Rated Power.
 Allowable Cruising Speed is 100% or less of Rated Speed.
 Operating hours is unlimited per year.

Typical Vessel Application:

Fishing Boats, Cargo Boats, Pusher Boats.

High Speed Engines

Model	Output
S6A3-T2-MPTK, 543Hp	405kW/1840rpm
S6R-T2-MPTK, 630Hp	470kW/1600rpm
S6R2-T2-MPTK, 643Hp	480kW/1350rpm
S12A2-T2-MPTK, 939Hp	701kW/1800rpm
S12R-T2-MPTK, 1260Hp	940kW/1600rpm
S16R-T2-MPTK, 1675Hp	1250kW/1600rpm
S16R2-T2-MPTK, 1943Hp	1450kW/1350rpm

Medium Speed Engines

Model	Output
S6U-MPTK, 1349Hp	1007kW/1060rpm
S6U2-MPTK, 1394Hp	1040kW/930rpm
S8U-MPTK, 1800Hp	1343kW/1060rpm
S12U-MPTK, 2699Hp	2014kW/1060rpm
S16U-MPTK, 3599Hp	2686kW/1060rpm

AUXILIARY ENGINES GENERATOR USE - PRIME RATING

IMO Tier2 Model	1800rpm (60Hz)	1500rpm (50Hz)	1200rpm (60Hz)
T2MPTK	kW	kW	kW
S6B3	410	355	265
S6A3	490	450	-
S6R	635	545	-
S6R2	-	640	500
S12A2	828	709	-
S12R	1270	1120	840
S16R	1690	1500	1120
S16R2	-	1960	1590

IMO Tier2 Model	1200rpm (60Hz)	1000rpm (50Hz)	900rpm (60Hz)
MPTK	kW	kW	kW
S6U	1343	1270	1150
S6U2	-	1363	1250
S8U	1790	1693	1533
S12U	2685	2541	2299
S16U	3580	3388	3065

