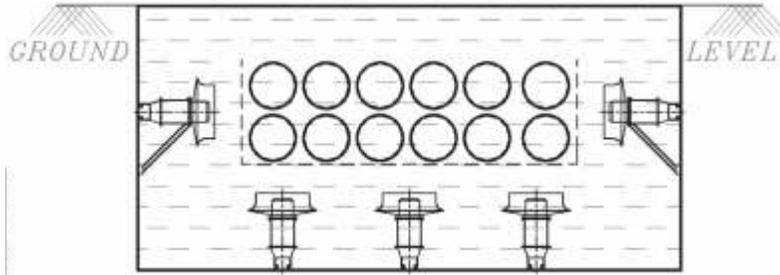


Submersible Agitator

for Rapid Quench.



SUBMERSIBLE AGITATOR FOR RAPID QUENCH

Submersible Agitator is a key equipment for Quenchant Tank Agitation in Heat Treatment process. The Airless agitation with 0.5-2.0 m/sec. velocity resulting in 800° C/min hot job cooling rate achieves the required properties. The Submersible Agitators are any time removable equipment, not only agitates the quenchant but offers high thrust on hot jobs, due to which vapour blanketing is instantly broken (or do not allow) and heat is dissipated at tremendous rate. It is used for Water, Water Polymer and Oil Quenching Tanks very effectively.

The performance parameters of the submersible agitators are shown in the following table with the rated voltage of 415V and the frequency of 50Hz. However special agitators with 380V ~ 60 Hz or other supply conditions are available on request.

	Model	Motor Power (kW/hp)	Rated Current (A)	Rpm of vane or propeller (r/min)	Diameter of vane or propeller (mm)	Thrust(N)	Weight (kg) Approx.
SUBMERSIBLE MIXER	DIC0.85/8-260/3-740/S	0.85/1.0	3.2	740	260	163	55/65
	DIC1.5/8-400/3-740/S	1.5/2.0	5.2	740	400	600	74/82
	DIC2.5/8-400/3-740/S	2.5/3.0	7	740	400	800	74/82
	DIC4/12-620/3-480/S	4/5.0	14	480	620	1400	190/210
	DIC5/12-620/3-480/S	5/7.5	18.2	480	620	1800	196/212
	DIC7.5/12-620/3-480/S	7.5/10.0	28	480	620	2600	240/256