



MB PUMPS LTD



THE PS RANGE OF MENGIN CUTTER PUMPS
the cutting edge of pump technology



MENGIN CUTTER PUMPS

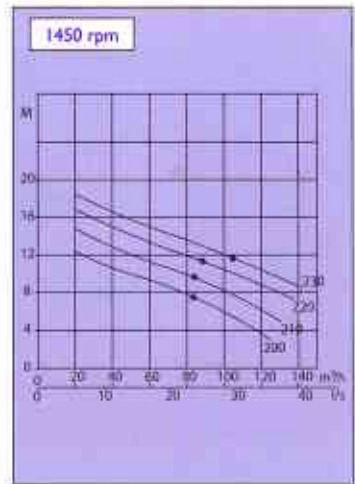
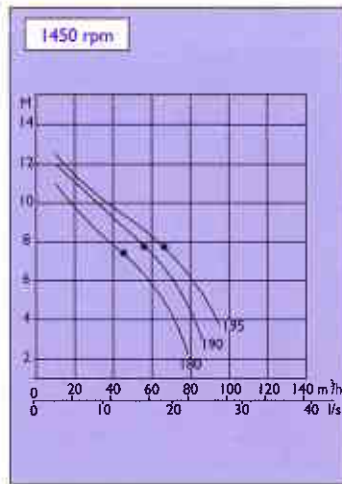
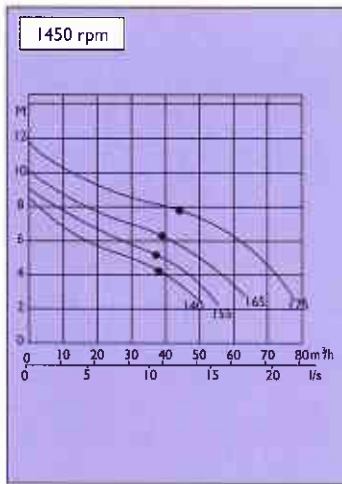
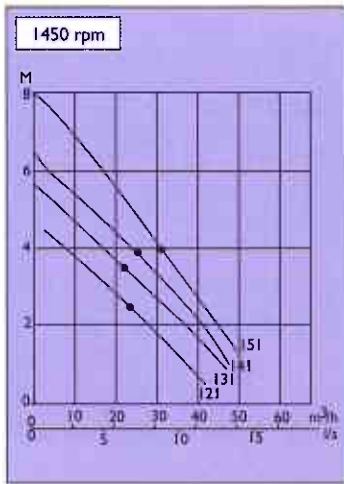
The Product

The commitment of ETS MENGIN to developing innovative solutions to pumping problems, resulted in the launch of the PS range of MENGIN cutter pumps.

The design of the pump is based on a channelled impeller with blades extended into a sharp edged spiral cone rotating against a fixed adjustable knife with a hardened steel blade. Fibrous waste and debris in suspension are chopped into pumpable segments, allowing blockage free flow through the pump.

The MENGIN PS series is a range of pumps available in six different formats for use in wet or dry well installations. Difficult pumping applications which are solved by utilising a MENGIN cutter pump include unscreened raw sewage, primary and secondary tank de-sludging and storm overflow in the water and waste treatment industries... wood pulp in the paper industry... animal hide and fleshings in the tannery industry... vegetable waste in the food industry; as well as many other sludges and slurries containing plastic bottles, rags, bits of wood, etc... all successfully pumped with no risk of blockage.

Incorporating 2, 4 or 6 pole electric motors rated from 3 to 125kW, the PS range of MENGIN cutter pump offers a range of capacities from 2 to 500 litres/sec. against heads up to a maximum of 90 metres. Flame proof motors are available and pump bodies can be cast iron or stainless steel whilst the cutting impeller can be strengthened by the addition of tungsten carbide.



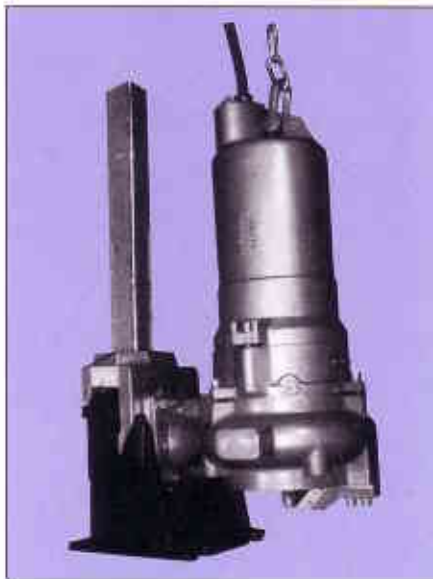
MODEL	Std kW	Exc./Std kW	RPM
PS65-151-4-131	3.0	3.8	1450
PS65-151-4-131	3.0	2.8	1450
PS65-151-4-141	3.0	3.8	1450
PS65-151-4-151	3.0	2.8	1450

MODEL	Std kW	Exc./Std kW	RPM
PS65-175-4-140	3.0	3.8	1450
PS65-175-4-150	3.0	2.8	1450
PS65-175-4-160	3.0	2.8	1450
PS65-175-4-170	3.0	3.8	1450

MODEL	Std kW	Exc./Std kW	RPM
PS65-195-4-180	3.0	3.7	1450
PS65-195-4-190	3.0	3.7	1450
PS65-195-4-195	3.0	3.7	1450

MODEL	Std kW	Exc./Std kW	RPM
PS65-230-4-200	4.4	5.0	1450
PS65-230-4-210	6.0	6.5	1450
PS65-230-4-220	6.0	6.5	1450
PS65-230-4-230	6.0	6.3	1450

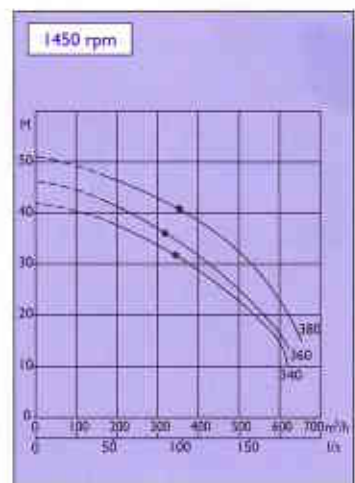
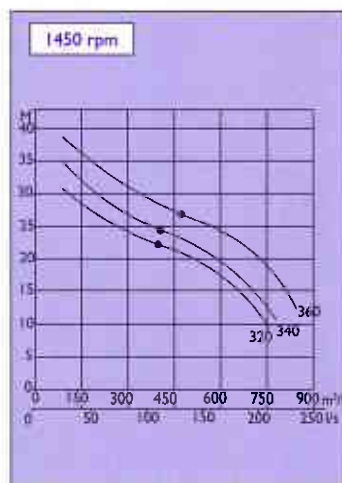
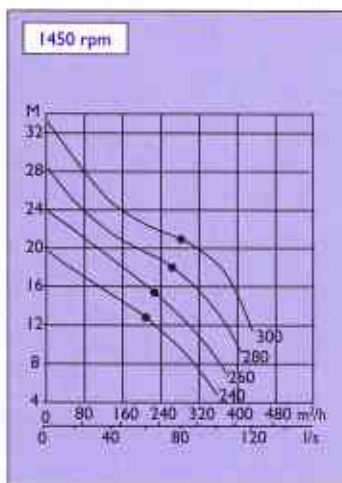
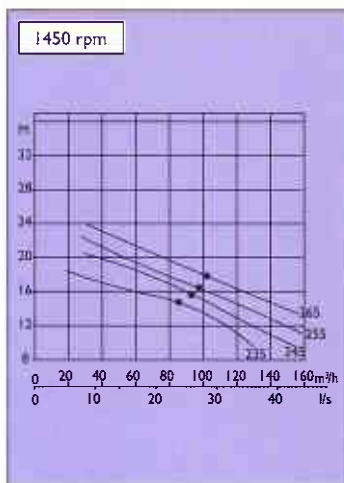
R: stationary submersible



S: free standing submersible



Adaptations apply to all cutter pump models

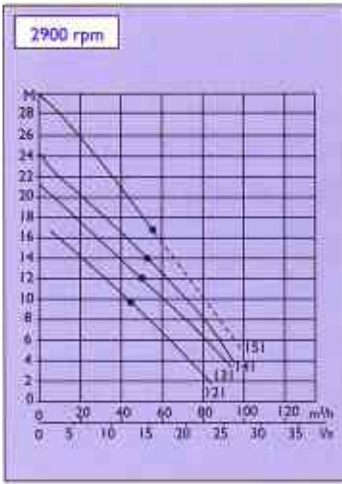


MODEL	Std kW	Exc./Std kW	RPM
PS65-265-4-235	8.0	6.5	1450
PS65-265-4-245	8.0	6.5	1450
PS65-265-4-255	11.0	14.8	1450
PS65-285-4-260	11.0	14.8	1450

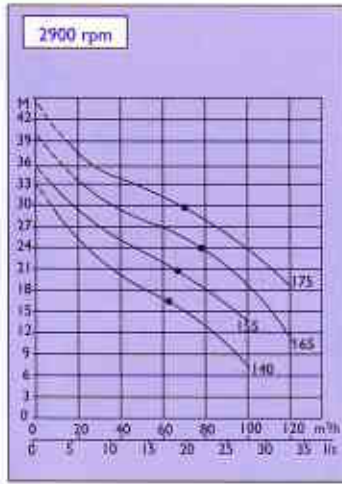
MODEL	Std kW	Exc./Std kW	RPM
PS100-300-4-240	18.5	19.2	1450
PS100-300-4-240	22.0	22.0	1450
PS100-300-4-280	22.0	22.0	1450
PS100-300-4-300	30.0	29.2	1450

MODEL	Std kW	Exc./Std kW	RPM
PS200-360-4-320	56.3	56.5	1450
PS200-360-4-340	56.5	56.5	1450
PS200-360-4-380	68.0	68.0	1450

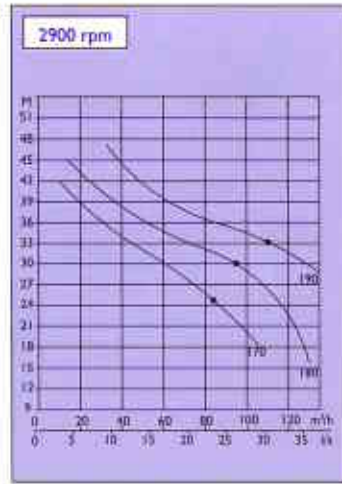
MODEL	Std kW	Exc./Std kW	RPM
PS200-380-4-340	56.3	56.5	1450
PS200-380-4-360	68.0	68.0	1450
PS200-380-4-380	79.0	79.0	1450



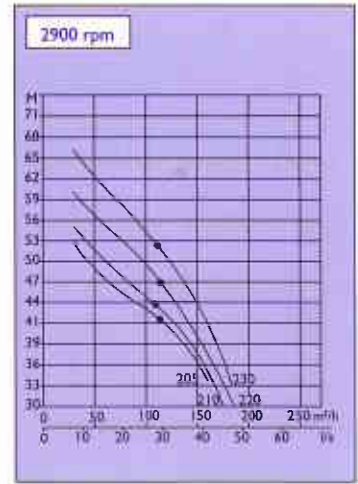
MODEL	Std kW	Exec/kW	RPM
PS65-151-2-121	4.5	6.4	2900
PS65-151-2-131	4.5	6.4	2900
PS65-151-2-141	4.5	6.4	2900
PS65-151-2-151	4.5	6.4	2900



MODEL	Std kW	Exec/kW	RPM
PS65-175-2-140	7.5	6.4	2900
PS65-175-2-135	7.5	9.5	2900
PS65-175-2-145	11.0	9.5	2900
PS65-175-2-175	15.0	11.5	2900



MODEL	Std kW	Exec/kW	RPM
PS65-190-2-170	15.0	19.6	2900
PS65-190-2-180	15.0	19.6	2900
PS65-190-2-190	15.0	19.6	2900



MODEL	Std kW	Exec/kW	RPM
PS65-230-2-200	30.0	35.0	2900
PS65-230-2-210	30.0	35.0	2900
PS65-230-2-220	37.0	40.0	2900
PS65-230-2-230	37.0	40.0	2900

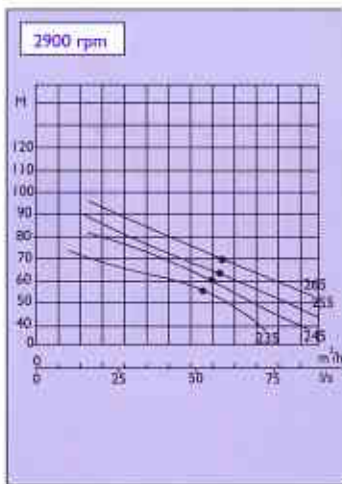
AJ: vertical dry well with submersible motor



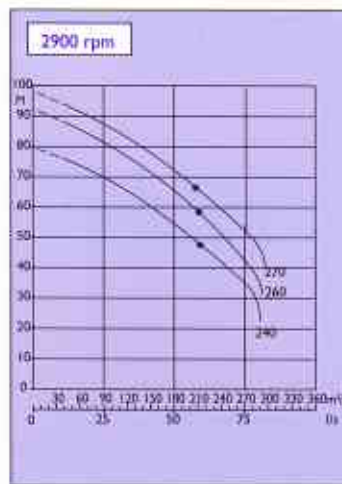
HJ: horizontal dry well with submersible motor



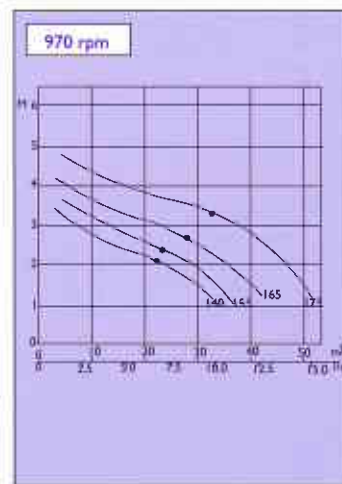
Adaptations apply to all cutter pump models



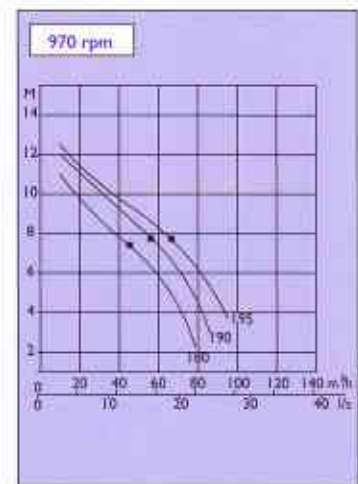
MODEL	Std kW	Exec/kW	RPM
PS65-265-2-235	54.0	54.0	2900
PS65-265-2-245	54.0	54.0	2900
PS65-265-2-255	75.0	75.0	2900
PS65-265-2-265	75.0	75.0	2900



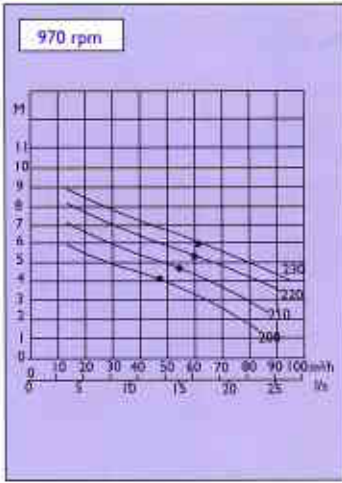
MODEL	Std kW	Exec/kW	RPM
PS150-270-2-240	54.0	54.0	2900
PS130-270-2-340	54.0	54.0	2900
PS150-270-2-380	75.0	75.0	2900



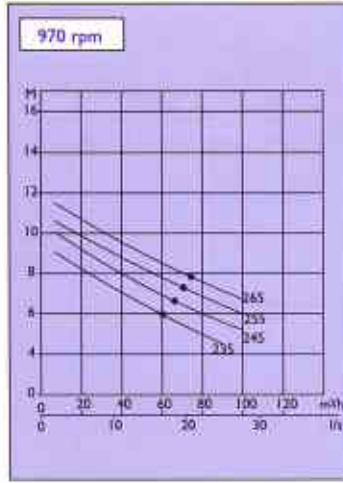
MODEL	Std kW	Exec/kW	RPM
PS65-175-6-140	2.2	2.2	970
PS65-175-6-155	2.2	2.1	970
PS65-175-6-165	2.2	2.2	970
PS65-175-6-175	3.3	3.3	970



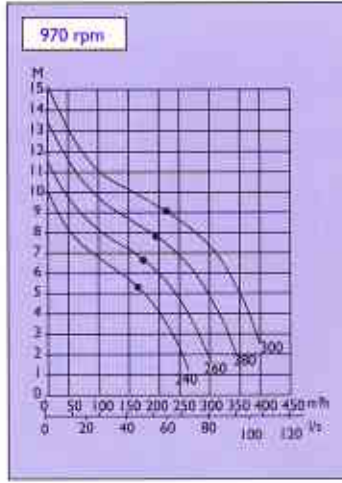
MODEL	Std kW	Exec/kW	RPM
PS65-195-6-180	3.0	3.4	970
PS65-195-6-190	3.0	3.4	970
PS65-195-6-195	3.0	3.4	970



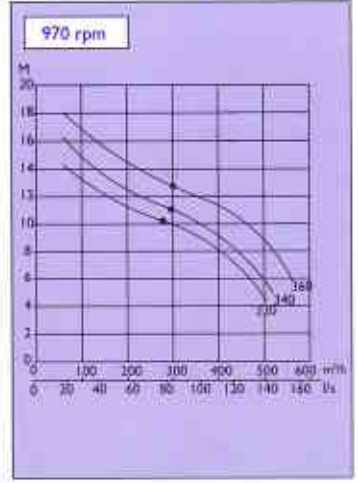
MODEL	Std kW	Exc/Std kW	RPM
PS65-230-6-200	3.0	3.4	970
PS65-230-6-210	3.0	3.4	970
PS65-230-6-220	3.0	3.4	970
PS65-230-6-230	3.0	3.4	970



MODEL	Std kW	Exc/Std kW	RPM
PS65-265-6-235	4.0	4.6	970
PS65-265-6-245	4.0	4.6	970
PS65-265-6-255	4.0	4.6	970
PS65-265-6-265	4.0	4.6	970



MODEL	Std kW	Exc/Std kW	RPM
PS100-300-6-240	5.5	7.3	970
PS100-300-6-260	7.5	7.3	970
PS100-300-6-280	7.5	10.0	970
PS100-300-6-300	7.5	13.4	970



MODEL	Std kW	Exc/Std kW	RPM
PS200-360-6-230	22.0	19.5	970
PS200-360-6-340	22.0	25.8	970
PS200-360-6-360	30.0	25.8	970

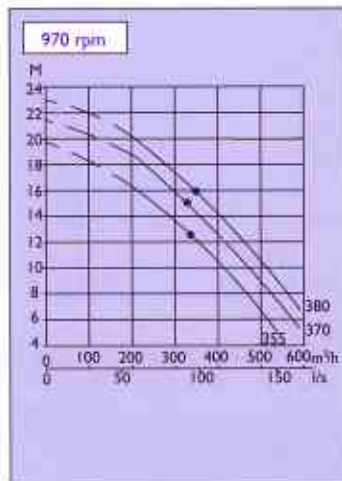
AN: dry well with TEFC motor



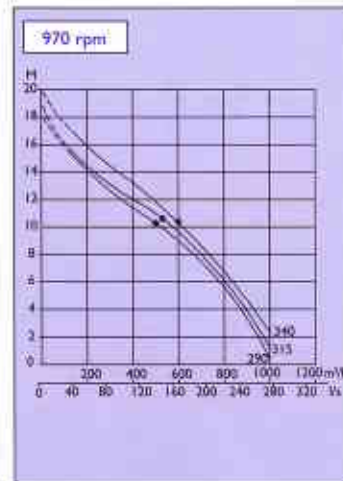
V: vertical submerged



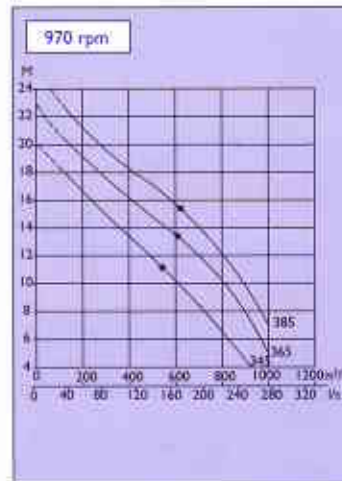
Adaptations apply to all cutter pump models



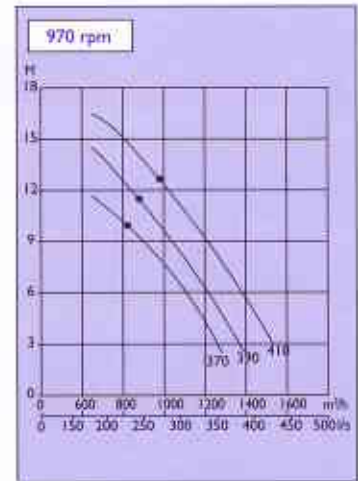
MODEL	Std kW	Exc/Std kW	RPM
PS200-380-6-355	22.0	19.5	970
PS200-380-6-370	22.0	22.4	970
PS200-380-6-380	30.0	25.8	970



MODEL	Std kW	Exc/Std kW	RPM
PS250-340-6-290	22.0	25.8	970
PS250-340-6-315	30.0	33.0	970
PS250-340-6-340	30.0	33.0	970



MODEL	Std kW	Exc/Std kW	RPM
PS250-385-6-345	30.0	33.0	970
PS250-385-6-365	40.5	40.5	970
PS250-385-6-385	49.5	49.5	970



MODEL	Std kW	Exc/Std kW	RPM
PS330-410-6-370	40.5	40.5	970
PS330-410-6-390	40.5	40.5	970
PS330-410-6-410	58.0	58.0	970