

SEWAGE CUTTER SUBMERSIBLE PUMPS



UM/UACN750/50/1
UM/UACN750/50/3
UACN750/50/1 - FSLC



UM/UACN1500/80/1
UM/UACN1500/80/3
UM/UACN2200/80/3



UMCN3700/80/3



GUIDE RAIL SYSTEM

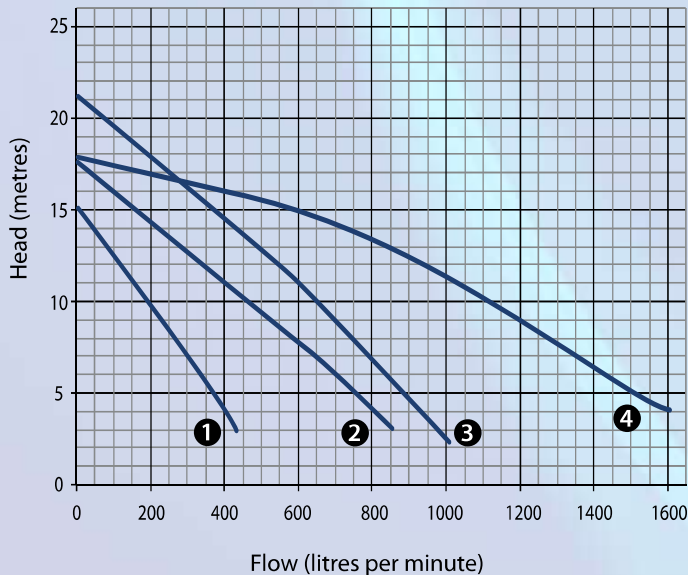
FEATURES

- CE & ISO 9001 certified
- All metal construction
- Tungsten carbide cutting tip on hardened cast iron impeller
- Dual mechanical seal + lip seal in oil bath
- Silicon carbide faces to lower seal
- Anti-wicking, epoxy filled cable gland
- Automatic float switch available in all models: 0.75kW, 2.2kW, 240V & 415V
- Can be installed with a guide rail system

APPLICATIONS

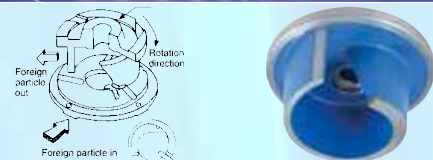
- Raw sewage transfer
- Light sludges and slurries
- Trade waste disposal
- Grey water and septic transfers
- Pumping liquids with soft solids

PERFORMANCE CURVES



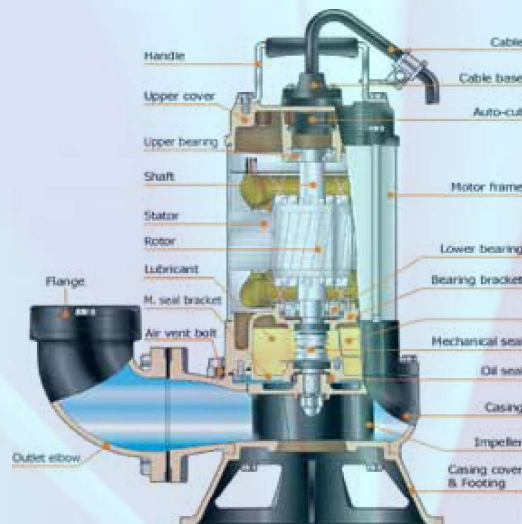
1. UM/UACN750/50/1, UM/UACN750/50/3
UACN750/50/1 - FSLC
2. UM/UACN1500/80/1, UM/UACN1500/80/3
3. UM/UACN2200/80/3
4. UMCN3700/3

CUTTER IMPELLER



Single channel, semi-open impeller with tungsten cutting tip

CROSS-SECTION



SEWAGE CUTTER SUBMERSIBLE PUMPS

MATERIALS

POWER CABLE	HO7RN
HANDLE	304 grade stainless steel
MOTOR CASING	304 grade stainless steel (Cast iron for 'UMCN3700/80/3')
MOTOR CAP	Cast iron
SEAL HOUSING	Cast iron
DUAL MECHANICAL SEAL	Silicon carbide faces to lower seal, carbon ceramic faces to upper seal, nitrile elastomers
LIP SEAL	Nitrile
CASING & COVER PLATE	Cast iron
IMPELLER	Cast iron with tungsten cutting tip
SHAFT	304 grade stainless steel

ELECTRICAL DATA

MODEL	VOLTS	KW	FULL LOAD AMPS	RPM	IP	CABLE LENGTH
UM/UACN750/50/1 (& FSLC)	240	0.75	5.0	2900	68	10m
UM/UACN750/50/3	415	0.75	1.8	2900	68	10m
UM/UACN1500/80/1	240	1.5	9.8	2900	68	10m
UM/UACN1500/80/3	415	1.5	3.4	2900	68	10m
UM/UACN2200/80/3	415	2.2	4.8	2900	68	10m
UMCN3700/80/3	415	3.7	8.4	1440	68	10m

DIMENSIONS & WEIGHT

MODEL	DISCHARGE	MAX SOLID SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT
UM/UACN750/50/1	50	26mm	276mm	235mm	460mm	18kg
UM/UACN750/50/3	50	26mm	276mm	235mm	460mm	18kg
UACN750/50/1-FSLC	50	26mm	326mm	235mm	460mm	18kg
UM/UACN1500/80/1	80	32mm	408mm	258mm	610mm	43kg
UMCN1500/80/3	80	32mm	408mm	258mm	530mm	38kg
UACN1500/80/3	80	32mm	408mm	258mm	610mm	43kg
UMCN2200/80/3	80	35mm	408mm	258mm	530mm	39kg
UACN2200/80/3	80	35mm	408mm	258mm	610mm	45kg
UMCN3700/80/3	80	50mm	553mm	313mm	643mm	79kg