

Profitable Choice  
Affordable Solution

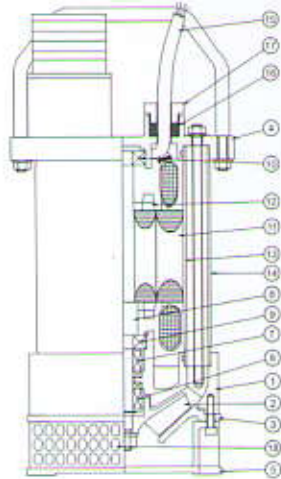


**AMU PUMPS**  
**INDUSTRIES**  
A SOLUTION DRIVEN COMPANY

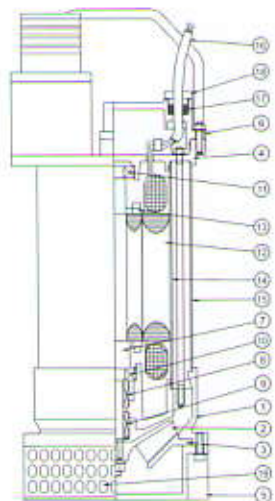
**AD Series**

# Dewatering Submersible Pump

"AMU" Dewatering pump is compact and sturdy in design, having light weight and used for continuous duty applications. Cooling Jacket and Vertical discharge arrangement is provided to keep motor cool it self by liquid being pumped.

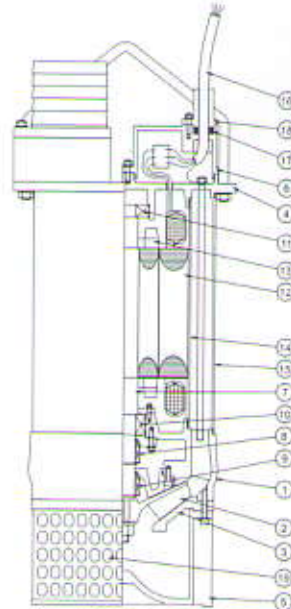


No.	DESCRIPTION	M.O.C.
1	Casing / Bypass	C.I.FG260
2	Impeller	C.I.FG260
3	Wear Plate	C.I.FG260
4	Delivery Out Let	C.I.FG260
5	Stand	C.I.FG260
6	Shaft	S.S. 410
7	Mech. Seal (Upper)	TC vs TC
8	Mech. Seal (Lower)	TC vs TC
9	Ball Bearing (DE)	SKF or Eq.
10	Ball Bearing (NDE)	SKF or Eq.
11	Stator Stamping	Si. Stamping
12	Rotor Die Cast	Aluminium
13	Motor Body	S.S.
14	Outer Casing / Jacket	S.S.
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	Nylon
18	Strainer	S.S.



No.	DESCRIPTION	M.O.C.
01	Casing / Bypass	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Delivery Out Let	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	TC vs TC
09	Mech. Seal (Lower)	TC vs TC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NDE)	SKF or Eq.
12	Stator Stamping	Si. Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	S.S.
15	Outer Casing / Jacket	S.S.
16	Cable	PVC Insu.
17	Cable Grommet	Ni. Rubber
18	Cable Gland	Nylon
19	Strainer	S.S.





No.	DESCRIPTION	M.O.C.
01	Casing / Bypass	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Delivery Out Let	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	C vs SiC
09	Mech. Seal (Lower)	SiC vs SiC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NDE)	SKF or Eq.
12	Stator Stamping	Si. Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	M.S.
15	Outer Casing / Jacket	M.S.
16	Cable	PVC Insu.
17	Cable Grommet	NL Rubber
18	Cable Gland	C.I.FG260
19	Strainer	S.S.



#### TECHNICAL SPECIFICATION

Head	: upto 75 mtr.
Capacity	: upto 600 m <sup>3</sup> /hr.
Motor	: Two / Four Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor
Speed (Syn.)	: 3000 / 1500 RPM
Connection	: DOL (Star Delta optional)
Range	: 0.75 HP to 70.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 230V, 1Ø, 50 Hz (upto 3.0 HP) 110V, 3Ø, 60 Hz 110V, 1Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: 50000 ppm
Free Passage	: upto 25mm

#### APPLICATION

- Dewatering of Dirty Water.
- Dewatering of Sandy / Muddy Water.
- Handling of Storm Water.
- Suitable for Pits, Dam Sites, River Bed, Construction Sites, Basements, Cable Trenches, Cooling Water Circulation.

#### MATERIAL OF CONSTRUCTION

Motor Body	: AISI 304, AISI 316
Outer Casing	: AISI 304, AISI 316 (Cooling Jacket)
Pump Casing	: CF8, CF8M, CF3M, Aluminium Alloy,
Impeller	: CA15, CA40, CF8, CF3M, CF3M
Wear Plate	: CA15, CA40, CF8, CF3M, CF3M
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Strainer	: AISI 304, AISI 316
Cable	: H07RNF, FRLS

#### Also Available with on request

Auto Level Controller (Float Switch), Thermal Protection, MCB Starter (for 1Ø)

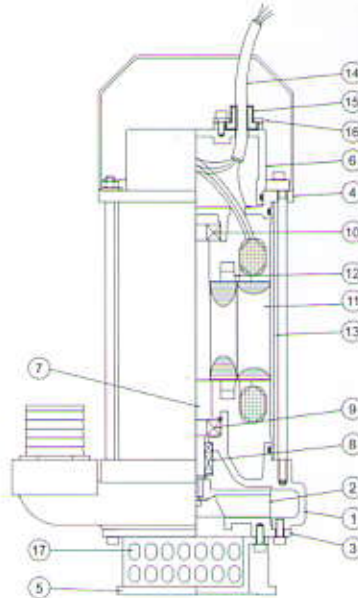
#### SALIENT FEATURES

- Light in Weight.
- Works in Partially Submergence.
- Portable for Easy Handling.
- Can handle upto Minimized Water Level.
- Prevents Motor Heating Through Jacket.
- Bottom Suction & Top Centre Lined Delivery.
- Easy Maintenance.
- Double Mechanical Seals with Hard Face Combination.

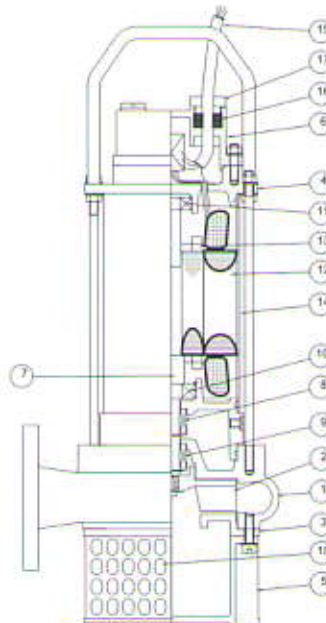
**AP**  
**Series**

## Portable Submersible Pump

"AMU" High Speed Light duty portable submersible pump is vertical single casing pump with channel type impeller. Squirrel cage induction motors specially manufactured by "AMU" with Class 'F' & Class 'H' insulation suitable upto 155°C & 180°C for 15 Starts & Stops per hour. "AP" Pumps are also available with auto coupling arrangement.

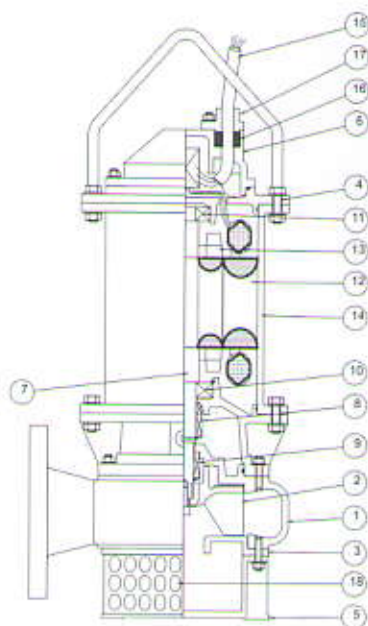


No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal	SiC vs SiC
09	Ball Bearing (DE)	SKF or Eq.
10	Ball Bearing (NDE)	SKF or Eq.
11	Stator Stamping	Si. Stamping
12	Rotor Die Cast	Aluminium
13	Motor Body	S.S.
14	Cable	PVC Insu.
15	Cable Grommet	Ni. Rubber
16	Cable Clip	S.S.
17	Strainer	S.S.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	C vs SiC
09	Mech. Seal (Lower)	SiC vs SiC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NDE)	SKF or Eq.
12	Stator Stamping	Si. Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	S.S.
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	Nylon
18	Strainer	S.S.





No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG 260
02	Impeller	C.I.FG 260
03	Wear Plate	C.I.FG 260
04	Top Cover	C.I.FG 260
05	Stand	C.I.FG 260
06	Terminal Box	C.I.FG 260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	C vs SiC
09	Mech. Seal (Lower)	SiC vs SiC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NOE)	SKF or Eq.
12	Stator Stamping	Si, Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	C.I.FG 260
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	C.I.FG 260
18	Strainer	S.S.



#### TECHNICAL SPECIFICATION

Head	: upto 75 mtr
Capacity	: upto 200 m <sup>3</sup> /Hr.
Motor	: Two Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 3000 RPM
Connection	: DOL (Star Delta optional)
Range	: 0.75 HP to 30.0 HP
Temperature	: 45°C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 230V, 1Ø, 50 Hz (upto 3.0 HP) 110V, 3Ø, 60 Hz 110V, 1Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Free Passage	: upto 50mm

#### APPLICATION

- Dewatering of Dirty Water.
- Dewatering of Sandy / Muddy Water.
- Handling of Storm Water.
- Suitable for Pits, Dam Sites, River Bed, Construction Sites, Basements, Cable Trenches, Cooling Water Circulation.
- Removal of all sorts of Industrial Water, Screened Sewage Water.

#### MATERIAL OF CONSTRUCTION (Optional)

Motor Body	: AISI 304, AISI 316, CF8, CF8M
Pump Casing	: CF8, CF8M, CF3M
Impeller	: CA15, CA40, CF8, CF8M, CF3M
Wear Plate	: CA15, CA40, CF8, CF8M, CF3M
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Strainer	: AISI 304, AISI 316
Cable	: H07RNF, FRLS

#### Also Available with on request

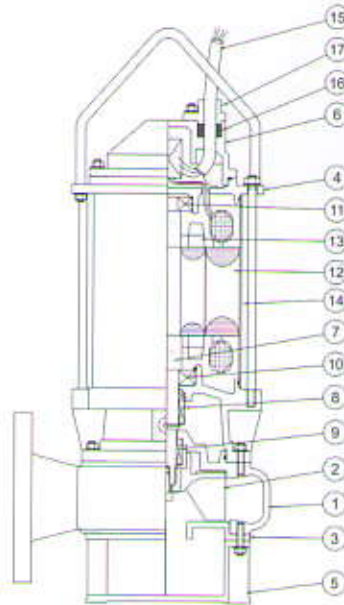
Auto Coupling Installation, Cooling Jacket, Auto Level Controller (Float Switch), Thermal Protection, Seal Monitoring Arrangement, MCB Starter (for 1Ø)

#### SALIENT FEATURES

- Light in Weight.
- Easy Maintenance.
- Portable for easy handling.
- Bottom Suction & Side Delivery.
- Can be used for Permanent Installation.
- All kind of Discharge Connections available.



"AMU" High Speed Light Duty Sewage and Effluent Submersible Pump is Vertical single casing pump with non clog, channel type impeller for handling of screened sewage. Squirrel cage induction motors specially manufactured by "AMU" with Class 'F' and Class 'H' insulation suitable upto 155°C and 180° C for 15 starts and stops per hour. "ALS" Pumps are also available with auto coupling arrangement.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	C vs SiC
09	Mech. Seal (Lower)	SiC / SiC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NDE)	SKF or Eq.
12	Stator Stamping	Si. Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	M.S.
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	C.I.FG 260



### TECHNICAL SPECIFICATION

Head	: upto 75 Mtr
Capacity	: upto 200 M <sup>3</sup> /Hr.
Motor	: Two Pole Continuous Duty, Squirrel Case, Submersible type induction motor.
Speed (Syn.)	: 3000 RPM
Connection	: DOL (Star Delta optional)
Range	: 0.75 HP to 30.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz. 230V, 1Ø, 50 Hz. (upto 3.0 HP) 110V, 3Ø, 60 Hz. 110V, 1Ø, 60 Hz.
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 15%
Free Passage	: upto 50mm

### APPLICATION

Removes all sorts of Industrial Waste Water.  
Suitable for Handling Screened Sewage.  
Cleaning of Manholes / Trenches.  
Removal of Kitchen Waste.

### MATERIAL OF CONSTRUCTION (Optional)

Motor Body	: AISI 304, AISI 316, CF8, CF8M
Pump Casing	: CF8, CF8M, CF3M
Impeller	: CA15, CA40, CF8, CF8M, CF3M
Wear Plate	: CA15, CA40, CF8, CF8M, CF3M
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Strainer	: AISI 304, AISI 316
Cable	: H07RNF, FRLS

### Also Available with on Request

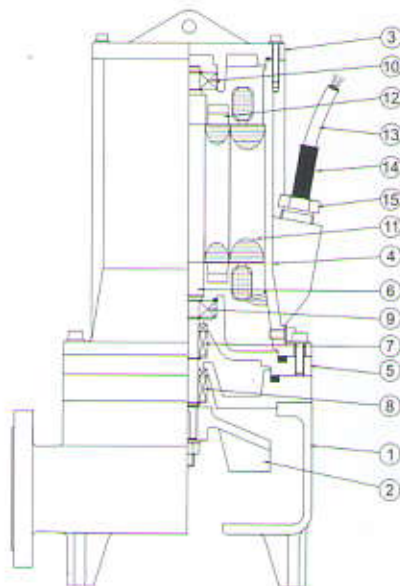
Auto Coupling Installation, Cooling Jacket, Auto Level Controller (Float Switch), Thermal Protection, Seal Monitoring Arrangement, MCB Starter (for 1Ø), Cutter / Agitator / Grinder Arrangement

### SALIENT FEATURES

- Light in Weight.
- Portable for Easy Handling.
- Bottom Suction & Side Delivery.
- Can be used for Permanent Installation.
- All kind of Discharge Connections Available.
- Can Move Solids upto 50mm.
- Easy Maintenance.



"AMU" Heavy Duty Sewage and Effluent Submersible Pump is Vertical single casing pump with vortex type impeller for handling of unscreened large sewage. Squirrel cage induction motors specially manufactured by "AMU" with Class 'F' and Class 'H' insulation suitable upto 155°C and 180°C for 15 Starts and Stops per hour.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG 260
02	Impeller	C.I.FG 260
03	Top Cover	C.I.FG 260
04	Motor Body	C.I.FG 260
05	Oil Chamber	C.I.FG 260
06	Shaft	S.S. 410
07	Mech. Seal (Upper)	C vs SIC
08	Mech. Seal (Lower)	SIC / SIC
09	Ball Bearing (DE)	SKF or Eq.
10	Ball Bearing (NDE)	SKF or Eq.
11	Stator Stamping	Si. Stamping
12	Rotor Die Cast	Aluminium
13	Cable	PVC Insu.
14	Cable Grommet	Ni. Rubber
15	Cable Gland	C.I.FG 260

## TECHNICAL SPECIFICATION

Head	: upto 20 mtr
Capacity	: upto 70 m <sup>3</sup> /Hr.
Motor	: Two Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 3000 RPM
Connection	: DOL
Range	: upto 5.0 HP
Temperature	: 45°C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 110V, 3Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 20%
Free Passage	: upto 60mm

## APPLICATION

- Removal of Unscreened Sewage.
- Cleaning of Manhole / Trenches, Mobile Wet Pit Sewer Bypass Operation.
- Transfer of Suspended Solids.
- Pumping of Waste / Storm Water, Kitchen Waste.

## MATERIAL OF CONSTRUCTION (Optional)

Motor Body	: CF8, CF8M, CF3M, CD4MCu
Pump Casing	: CF8, CF8M, CF3M, CD4MCu
Impeller	: CF8, CF8M, CF3M, CD4MCu
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SIC / SIC, TC / TC, C / SIC, C / Cr Steel, C/Ce
Cable	: H07RNF, FRLS

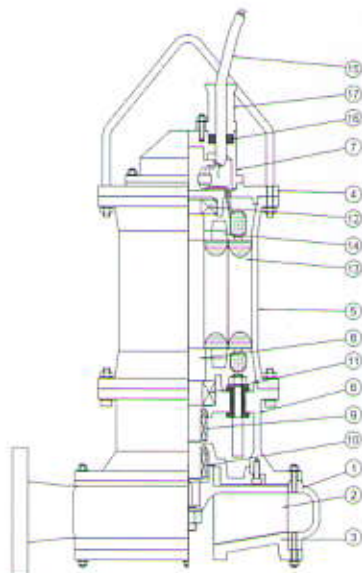
### Also Available with on request

Auto Coupling Installation, Auto Level Controller (Float Switch)

## SALIENT FEATURES

- Light in Weight
- Can Move Solids
- Easy Maintenance
- Portable for Easy Handling
- Can be used for Permanent Installation

# Sewage Submersible Pump



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Motor Body	C.I.FG260
06	Oil Chamber	C.I.FG260
07	Terminal Box	C.I.FG260
08	Shaft	S.S. 410
09	Mech. Seal (Upper)	C vs SiC
10	Mech. Seal (Lower)	SiC / SiC
11	Ball Bearing (DE)	SKF or Eq.
12	Ball Bearing (NDE)	SKF or Eq.
13	Stator Stamping	Si. Stamping
14	Rotor Die Cast	Aluminium
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	C.I.FG 260



## TECHNICAL SPECIFICATION

Head	: upto 75 mtr
Capacity	: upto 2000 m <sup>3</sup> /Hr.
Motor	: Four / Six Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 1500 / 1000 RPM
Connection	: DOL / Star Delta / ATS
Range	: 2.0 HP to 150.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 110V, 3Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 40%
Free Passage	: upto 125mm

## APPLICATION

- Removal of Unscreened Sewage.
- Transfer of Suspended Solids.
- Pumping of Waste / Storm Water.
- Handling of Treated Effluent with Slurries and Solids.

"AMU" Low Speed Heavy Duty Sewage and Effluent Submersible Pump is Vertical single casing pump with non clog, channel type impeller for handling of unscreened large solids. Squirrel cage induction motors specially manufactured by "AMU" with Class 'F' and Class 'H' insulation suitable upto 155°C and 180°C for 20 Starts and Stops per hour. "AS" Pumps are also available with cooling Jacket arrangement for Dry Pit as well as Wet Pit installation with auto coupling arrangement.

## MATERIAL OF CONSTRUCTION (Optional)

Motor Body	: CF8, CF8M, CF3M, CD4MCu
Pump Casing	: CF8, CF8M, CF3M, CD4MCu
Impeller	: CF8, CF8M, CF3M, CD4MCu
Wear Plate	: CF8, CF8M, CF3M, CD4MCu
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Gr Steel, C/Ce
Cable	: H07RNF, FRLS

## Also Available with on request

Auto Coupling Installation, Cooling Jacket, Auto Level Controller (Float Switch), Cutter / Agitator / Grinder Arrangement, VFD Comply Motor, BTD Arrangement

## SALIENT FEATURES

- Heavy & Durable Construction
- Minimized Vibration & Noise Level
- Bottom Suction & Side Delivery
- Can be used under Partially Submergence
- Easy Maintenance
- All kind of Discharge Connections Available
- Saves Heavy Construction Cost
- Can Move Solids upto 140mm
- Can be used for Dry Well and Wet Well



## Installation Step

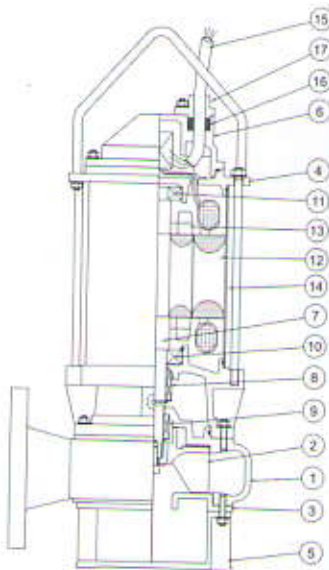


**ASE  
Series**

## Sewage Submersible Pump



"AMU" Low Speed Heavy Duty Sewage and Effluent Submersible Pump is vertical single casing pump with non clog, channel type impeller for handling of unscreened sewage. Squirrel induction motors specially manufactured by "AMU" with Class 'F' and Class 'H' insulation suitable upto 155°C and 180°C for 20 Starts and Stops per hour. 'ASE' Pumps are also available with auto coupling arrangement.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Stand	C.I.FG260
06	Terminal Box	C.I.FG260
07	Shaft	S.S. 410
08	Mech. Seal (Upper)	C vs SiC
09	Mech. Seal (Lower)	SiC / SiC
10	Ball Bearing (DE)	SKF or Eq.
11	Ball Bearing (NDE)	SKF or Eq.
12	Stator Stamping	St. Stamping
13	Rotor Die Cast	Aluminium
14	Motor Body	S.S.
15	Cable	PVC Insu.
16	Cable Grommet	Nl. Rubber
17	Cable Gland	C.I.FG 260



### TECHNICAL SPECIFICATION

Head	: upto 25 mtr
Capacity	: upto 180 m <sup>3</sup> /hr.
Motor	: Four Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 1500 RPM
Connection	: DOL (Star Delta optional)
Range	: 3.0 HP to 10.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 110V, 3Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 40%
Free Passage	: upto 40mm

### APPLICATION

Auto Coupling Installation,  
Auto Level Controller (Float Switch),  
Cutter/Agitator/Grinder Arrangement,  
Thermal Protection,  
Seal Monitoring Arrangement.

### MATERIAL OF CONSTRUCTION (Optional)

Motor Body	: CI, AISI304, AISI316, CF8, CF8M
Pump Casing	: CF8, CF8M, CF3M
Impeller	: CF8, CF8M, CF3M
Wear Plate	: CF8, CF8M, CF3M
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Cable	: H07RNF, FRLS

### Also Available with on Request

Auto Coupling Installation, Auto Level Controller (Float Switch),  
Cutter / Agitator / Grinder arrangement, Thermal Protection,  
Seal Monitoring Arrangement.

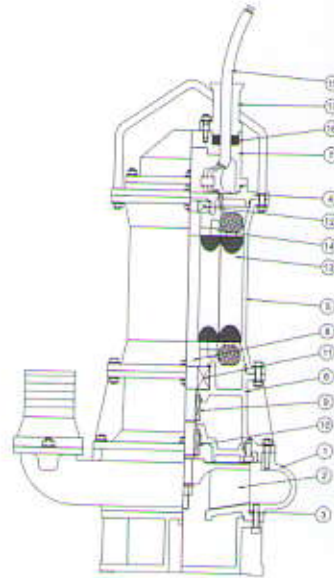
### SALIENT FEATURES

Light in Weight.  
Portable for Easy Handling.  
Can be used for Permanent Installation.  
Minimized Vibration & Noise Level.  
Bottom Suction & Side Delivery.  
Easy Maintenance.  
All kind of Discharge Connections Available.





"AMU" Manhole Pumps for bypassing sewerage between manholes in sewage piping renewal work. "AMU" offers 'ASM' Series Submersible Sewer Bypass Pump where sewage piping suffers from aging-related deterioration. Sewage piping requires repairs and replacing at regular intervals and may be inconvenienced to the people by the repair work. Additionally to work efficient and safety of workers who handled inflow sewage for these purpose.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Top Cover	C.I.FG260
05	Motor Body	C.I.FG260
06	Oil Chamber	C.I.FG260
07	Terminal Box	C.I.FG260
08	Shaft	S.S. 410
09	Mech. Seal (Upper)	C vs SiC
10	Mech. Seal (Lower)	SiC / SiC
11	Ball Bearing (DE)	SKF or Eq.
12	Ball Bearing (NDE)	SKF or Eq.
13	Stator Stamping	Si. Stamping
14	Rotor Die Cast	Aluminium
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	C.I.FG 260

**TECHNICAL SPECIFICATION**

Head	: upto 25 mtr
Capacity	: upto 250 m <sup>3</sup> /hr.
Motor	: Four Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 1500 RPM
Connection	: DOL / Star Delta
Range	: 3.0 HP to 15.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 110V, 3Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 40%
Free Passage	: upto 85mm

**APPLICATION**

- Removal of Unscreened Sewage.
- Cleaning of Manhole, Mobile Wet Pit Sewer Bypass Operation.
- Transfer of Suspended Solids.
- Pumping of Waste / Storm Water.

**MATERIAL OF CONSTRUCTION (Optional)**

Motor Body	: CF8, CF8M, CF3M, CD4MCu
Pump Casing	: CF8, CF8M, CF3M, CD4MCu
Impeller	: CF8, CF8M, CF3M, CD4MCu
Wear Plate	: CF8, CF8M, CF3M, CD4MCu
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Cable	: H07RNF, FRLS

**Also Available with on Request**

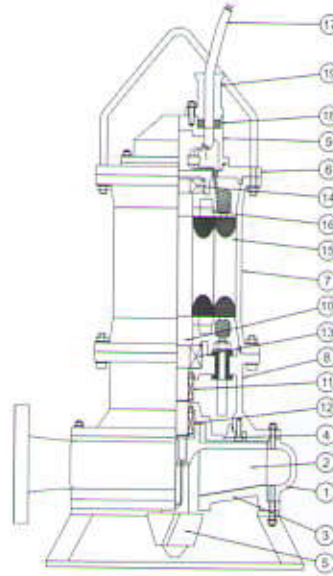
Cutter / Agitator / Grinder Arrangement, Thermal Protection, Seal Monitoring Arrangement.

**SALIENT FEATURES**

- Light in Weight.
- Portable for Easy Handling.
- Space Saving Design.
- Can be used under Partially Submergence.
- Easy Maintenance.
- Can Move Solids upto 85mm.
- Suitable for Manhole upto 600mm.



"AMU" Low Speed Heavy Duty Submersible Pump is Vertical single casing pump suitable for all kind of slurries. 'ASR' Pumps are designed for continuous operation in tough abrasive heavy industry applications. The pump features high chrome iron construction for liquid end components such as the casing, agitator, wear plates & impeller which are designed for long service life in tough applications where other pumps of inferior construction may fails.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	Hi-Chrome
02	Impeller	Hi-Chrome
03	Wear Plate	Hi-Chrome
04	Back Plate	Hi-Chrome
05	Agitator	Hi-Chrome
06	Top Cover	C.I.FG260
07	Motor Body	C.I.FG260
08	Oil Chamber	C.I.FG260
09	Terminal Box	C.I.FG260
10	Shaft	S.S. 410
11	Mech. Seal (Upper)	C vs SiC
12	Mech. Seal (Lower)	SiC / SiC
13	Ball Bearing (DE)	SKF or Eq.
14	Ball Bearing (NDE)	SKF or Eq.
15	Stator Stamping	Sl. Stamping
16	Rotor Die Cast	Aluminium
17	Cable	PVC Insu.
18	Cable Grommet	Ni. Rubber
19	Cable Gland	C.I.FG 260



### TECHNICAL SPECIFICATION

Head	: upto 50 mtr
Capacity	: upto 400 m <sup>3</sup> /hr.
Motor	: Four Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 1500 RPM
Connection	: DOL / Star Delta / ATS
Range	: upto 60.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Free Passage	: upto 40mm
Specific Gravity	: upto 2.8

### APPLICATION

Handling all types of Coal and Marble Slurries, Mine Drainage, Removal of Sands / Mud, Dredging of Settling Lagoons, Removal of Drilling Mud.

### MATERIAL OF CONSTRUCTION (Optional)

Pump Casing	: CI, CA15, Ca40
Impeller	: CI, CA15, Ca40
Wear Plate	: CI, CA15, Ca40
Back Plate	: CI, CA15, Ca40
Agitator	: CI, CA15, Ca40
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L

### Also Available with on Request

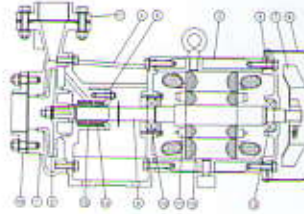
Strainer, Additional Stool, Thermal Protection, Seal Monitoring Arrangement

### SALIENT FEATURES

- Portable Installation.
- Easy Maintenance.
- Heavy & Durable Construction.
- Bottom Suction & Side Delivery.
- Minimized Vibration & Noise Level.
- Can be used under Partially Submergence.
- Suitable to Handle Variable Specific Gravity of Liquid.



"AMU" Centrifugal Monoblock Pumps are fitted with high efficient motors. 'AMB' Pumps are designed for continuous operation suitable for working under load in complete working range. Dynamically balanced rotating components and rigid construction of assemblies ensures smooth and vibration free operation.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Motor Body	C.I.FG260
04	Bracket	C.I.FG260
05	End Shield	C.I.FG260
06	Gland Cover	C.I.FG260
07	Fan	PVC
08	Fan Cover	M.S.
09	Shaft	En8
10	Stamping	Sl. Stamping
11	Rotor Die-Cast	Aluminium
12	Ball Bearing (DE)	FAG or Eq.
13	Ball Bearing (NDE)	FAG or Eq.
14	Gland Packing	Asbestos Graphite
15	Lantern Ring	PVC
16	Suction Flange	C.I.FG260
17	Delivery Flange	C.I.FG260



### TECHNICAL SPECIFICATION

Head	: upto 80 mtr
Capacity	: upto 300 m <sup>3</sup> /hr.
Motor	: Two / Four Pole Continuous Duty, Squirrel Cage, TEFC Induction Motor.
Speed (Syn.)	: 3000 / 1500 RPM
Connection	: DOL / Star Delta
Range	: upto 30.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz
Class of Insulation	: 'F' Class
Protection	: IP 44
Shaft Sealing	: Gland Packed

### APPLICATION

Any Industrial Clear Water, Cooling Towers, Refrigeration, Air Conditioning, Boosting Pump in Fire Fighting System.

### MATERIAL OF CONSTRUCTION (Optional)

Pump Casing	: CA15, CF8, CF8M, Bronze
Impeller	: CA15, CF8, CF8M, Bronze
Shaft	: AISI 410, AISI 304, AISI 316
Shaft Sleeve	: AISI 304, AISI 316

### Also Available with on request

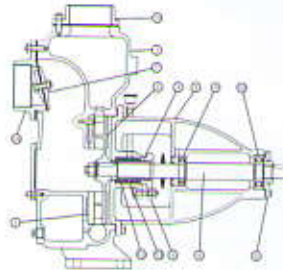
Mechanical Seal Arrangement, IP55 Motor Protection

### SALIENT FEATURES

- Heavy & Durable Construction.
- Minimized Vibration & Noise Level.
- No need of External Bearing Lubrication.
- Easy to Maintenance.

# Centrifugal Self Priming Mud Pump

"AMU" Centrifugal Self Priming Pumps are non clog, bare shaft, heavy in weight for sturdiness & better long life. 'ASP' Pumps are back pull out type construction & fitted with sufficient size of passage to pass solids from the casing. These are most popular & suitable for any kind of dirty water application.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Wear Plate	C.I.FG260
04	Bracket	C.I.FG260
05	Gland Cover	C.I.FG260
06	Bearing Cover	C.I.FG260
07	NRV with Flap	C.I. + Ni. Rubber
08	Shaft	En8
09	Sleeve	S.S. 410
10	Ball Bearing (DE)	FAG or Eq.
11	Ball Bearing (NDE)	FAG or Eq.
12	Gland Packing	Asbestos Graphite
13	Lantern Ring	PVC
14	Suction Flange	C.I.FG260
15	Delivery Flange	C.I.FG260



## TECHNICAL SPECIFICATION

Head	: upto 60 mtr
Capacity	: upto 650 m <sup>3</sup> /hr.
Suction Lift	: upto 6 mtr
Driver	: Motor : 3000 / 1500 RPM Engine : 1800 RPM
Range	: upto 60.0 HP
Shaft Sealing	: Gland Packed
Free Passage	: upto 50mm

## APPLICATION

Dewatering of Excavation Water, Trenches, Pits, Sewage Pumping, Pumping Watering from Docks, Ports and Vessels, Pumping Petroleum Products, Chemicals, Effluents, Ash Water, Tiles / Marble Slurries, Filter Press etc., Cooling Water for Marine Engines and Solvents.

## MATERIAL OF CONSTRUCTION (Optional)

Pump Casing	: CA15, CF8, CF8M
Impeller	: CA15, CF8, CF8M
Wear Plate	: CA15, CF8, CF8M
Shaft	: AISI 410, AISI 304, AISI 316
Shaft Sleeve	: AISI 304, AISI 316

### Also Available with on Request

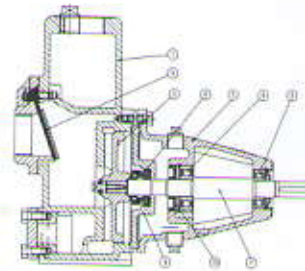
Mechanical Seal Arrangement, Base Frame, Coupling, Coupling Guard, Trolley, Electric Motor

## SALIENT FEATURES

- Back Pull Out design.
- 100% Vacuum Creation for Higher Efficiency.
- No need of External Bearing Lubrication.
- Cost can be Reduced using Monoblock version.
- No need of Foot Valve.
- Vibration Free Operation.
- Easy to Maintenance.



"AMU" Centrifugal Self Priming Pumps are non clog, bare shaft, heavy in weight for sturdiness and better long life. 'AEP' Pumps are back pull out type construction & fitted with sufficient size of passage to pass solids from the casing. These are most popular and suitable for any kind of dirty water application. These pumps are fitted with Mechanical Seal to ensure zero leakage.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Bracket	C.I.FG260
04	Seal Cover	C.I.FG260
05	NRV with Flap	C.I.FG260
06	Mech. Seal	C.I.FG260
07	Shaft	S.S. 410
08	Ball Bearing (DE)	FAG or Eq.
09	Ball Bearing (NDE)	FAG or Eq.
10	Oil Seal	Ni. Rubber

### TECHNICAL SPECIFICATION

Head	: upto 50 mtr
Capacity	: upto 76 m <sup>3</sup> /hr.
Suction Lift	: upto 6 mtr
Driver	: Motor : 3000 RPM
Range	: upto 7.5 HP
Shaft Sealing	: Mechanical Seal
Free Passage	: upto 24mm

### APPLICATION

Dewatering Swamp, Trenches and Basement, Construction Sites and Swimming Pool, Effluent Treatment Plant and Marine Application, Lift Irrigation and Water Spraying.

### MATERIAL OF CONSTRUCTION (Optional)

Pump Casing	: CA15, CF8, CF8M
Impeller	: CA15, CF8, CF8M
Wear Plate	: CA15, CF8, CF8M
Shaft	: AISI 410, AISI 316
Mechanical Seal	: SiC / SiC, TC / TC

#### Also Available with on Request

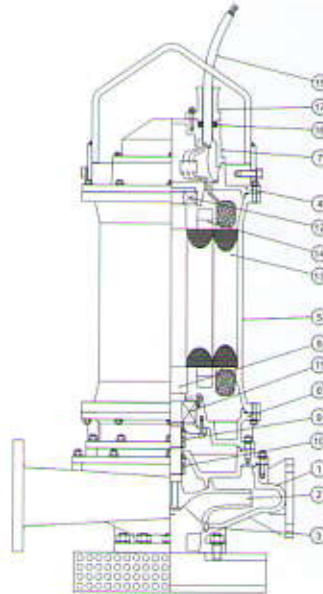
Base Frame, Coupling, Coupling Guard, Trolley, Electric Motor

### SALIENT FEATURES

- Back Pull Out Design.
- Ensures Zero Leakage using Mechanical Seal.
- 100% Vacuum Creation for Higher Efficiency.
- No need of External Bearing Lubrication.
- Cost can be Reduced using Monoblock Version.
- Easy to Maintenance.



"AMU" Low Speed Heavy Duty Submersible Pump is Vertical single casing pump closed type impeller for handling of raw / turbid water. Squirrel cage induction motors specially manufactured by "AMU" with Class 'F' & Class 'H' insulation suitable upto 155°C & 180°C for 20 Starts & Stops per hour. 'ACS' Pumps are also available with auto coupling arrangement for vertical installation.



No.	DESCRIPTION	M.O.C.
01	Pump Casing	C.I.FG260
02	Impeller	C.I.FG260
03	Neck Ring	C.I.FG260
04	Top Cover	C.I.FG260
05	Motor Body	C.I.FG260
06	Oil Chamber	C.I.FG260
07	Terminal Box	C.I.FG260
08	Shaft	S.S. 410
09	Mech. Seal (Upper)	C vs SiC
10	Mech. Seal (Lower)	SiC / SiC
11	Ball Bearing (DE)	SKF or Eq.
12	Ball Bearing (NDE)	SKF or Eq.
13	Stator Stamping	Si. Stamping
14	Rotor Die Cast	Aluminium
15	Cable	PVC Insu.
16	Cable Grommet	Ni. Rubber
17	Cable Gland	C.I.FG 260

## TECHNICAL SPECIFICATION

Head	: upto 80 mtr
Capacity	: upto 800 m <sup>3</sup> /hr.
Motor	: Two / Four Pole Continuous Duty, Squirrel Case, Submersible type Induction Motor.
Speed (Syn.)	: 3000 / 1500 RPM
Connection	: DOL / Star Delta / ATS
Range	: upto 150.0 HP
Temperature	: 45° C (Also available for higher temperature on request)
Voltage	: 415V, 3Ø, 50 Hz 110V, 3Ø, 60 Hz
Class of Insulation	: 'F' Class (optional 'H' Class available on request)
Protection	: IP 68
Concentration	: upto 50000 ppm
Free Passage	: upto 60mm

## APPLICATION

Handling of Clear Water, River Bed, Dam Sites, Hydro Power Stations, Canals.

## MATERIAL OF CONSTRUCTION

Motor Body	: CF8, CF8M, CF3M, CD4MCu
Pump Casing	: CF8, CF8M, CF3M, CD4MCu
Impeller	: CF8, CF8M, CF3M, CD4MCu
Shaft	: AISI 420, AISI 431, AISI 304, AISI 316, AISI 316L
Mechanical Seal	: SiC / SiC, TC / TC, C / SiC, C / Cr Steel, C/Ce
Strainer	: AISI 304, AISI 316
Cable	: H07RNF, FRLS

## Also Available with on request

Horizontal or Vertical Installation, Auto Coupling Arrangement, Thermal Protection, Seal Monitoring Arrangement, Auto Level Controller (Float Switch), VFD Comply Motor, BTD Arrangement

## SALIENT FEATURES

- Suitable for Vertical and Horizontal Installation.
- Heavy and Durable Construction.
- Periodical Maintenance not Required.
- Trouble Free Operation.
- Long Lasting Life.
- Easy Installation & No Need of Heavy Infrastructure.





## Valued Client





**AMU PUMPS**  
**INDUSTRIES**  
A SOLUTION DRIVEN COMPANY



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