

**FLO-KWIP**

# Contractors Submersible Pumps



SPECIALISED PUMPING EQUIPMENT



## Who We Are...

Toolkwip Pumps are the proud manufacturer of the FLO-KWIP series of submersible pumps. Established in 1993, we supply a range of pumping equipment to Industrial, Civil construction, quarries and mining applications across Australia.

### FLO-KWIP

The FLO-KWIP range of submersible pumps are designed and manufactured, specifically for the harsh conditions of sites in civil construction, mining and quarries.

Specialising in providing high-quality, reliable, and user-friendly pumping solutions, with a focus on durability and cost-effectiveness, each FLO-KWIP pump is designed to deliver exceptional performance and meet the toughest demands. Offering excellent serviceability and minimal maintenance requirements, FLO-KWIP pumps are the go-to choice for plant operators who require a pump that is... **Simply Better!**

#### USER FRIENDLINESS

- Easy to handle, service and install
- A range of accessories for enhanced versatility
- Aluminium or stainless steel casing for low weight and efficient cooling
- Available in manual or automatic versions
- 10m cable length

#### DURABILITY & RELIABILITY

- Abrasion resistant construction of impeller and wear parts, designed to meet harsh requirements

#### SERVICEABILITY

- Easy to maintain and service
- Low weight

#### QUALITY/COST EFFECTIVENESS

- Quality components, design and construction along with compactness, efficiency and economical maintenance provide a reliable range of pumps that represent a sound investment for contractors

# HEAVY DUTY 12V SUBMERSIBLE PUMP

These D.C. electric submersible pumps are suitable for the lifting of dirty water. Ideally suited to dewatering on construction, quarry and mining sites where mains power is not readily available.

- Silicon Carbide mechanical seal
- Cast Iron volute and impeller
- Stainless Steel motor casing
- Fitted with heavy duty leads and alligator style clamps

## SPECIFICATIONS

|                   |                                     |
|-------------------|-------------------------------------|
| <b>Max. Flow:</b> | 240L/min                            |
| <b>Max. Head:</b> | 7.5m                                |
| <b>Diameter:</b>  | 190mm                               |
| <b>Discharge:</b> | 40mm/1.1/2"FBSP                     |
| <b>Volts:</b>     | 12 (also in 24 volt model SDC24-30) |
| <b>Weight:</b>    | 11 kg (w/o cable)                   |



# PUDDLE SUCKERS

A leader in submersible pumps the AL45 and AL75 have become widely known as the benchmark for submersible Puddle Sucker pumps for durability and minimal maintenance.

- Pumps down to only 3mm
- Stainless steel outer case for low weight and effective cooling
- Polyurethane impeller and rubber lined volute liner for excellent abrasion resistance
- 10 metre power cable
- Thermal protection on motor

| SPECS             | AL45                 | AL75                 |
|-------------------|----------------------|----------------------|
| <b>Max. Flow:</b> | 205L/min             | 320L/min             |
| <b>Max. Head:</b> | 11m                  | 17m                  |
| <b>Diameter:</b>  | 214mm                | 214mm                |
| <b>Discharge:</b> | 50mm/2"MBSP threaded | 50mm/2"MBSP threaded |
| <b>Power:</b>     | 50Hz                 | 50Hz                 |
| <b>Volts:</b>     | 240                  | 240                  |
| <b>Weight:</b>    | 10.2kg (w/o cable)   | 14.5kg (w/o cable)   |



Individual Data Sheets available on request

# ELECTRIC SUBMERSIBLE PUMP - LC SERIES

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The FLO-KWIP 'LC' series of Submersible Pumps are designed specifically for dewatering applications with their compact size, light weight and rugged design.

- Stainless steel outer case for low weight and effective cooling
- Polyurethane Impeller
- Thermal protection on motor
- Standard with 10 metre power cable
- Double seal arrangement with mechanical seal in an oil bath
- Top Discharge - motor is cooled when pumping at low levels
- E-coated aluminium outer case (LC50, LC75, LC150 models)
- Bottom Discharge (LC50, LC75, LC150 models)

| SPECS             | LC45               | LC160            |
|-------------------|--------------------|------------------|
| <b>Max. Flow:</b> | 232l/min           | 470l/min         |
| <b>Max. Head:</b> | 11.4m              | 19.5m            |
| <b>Discharge:</b> | 50mm/2"MBSP        | 50mm/2"MBSP      |
| <b>Power:</b>     | 50Hz               | 50Hz             |
| <b>Volts:</b>     | 240                | 240              |
| <b>Weight:</b>    | 11.5Kg (w/o cable) | 25Kg (w/o cable) |

| SPECS             | LC50               | LC75               | LC150              |
|-------------------|--------------------|--------------------|--------------------|
| <b>Max. Flow:</b> | 240l/min           | 375l/min           | 658l/min           |
| <b>Max. Head:</b> | 12m                | 18m                | 21.5m              |
| <b>Discharge:</b> | 50mm/2"FBSP        | 75mm/3" FBSP       | 75mm/3" FBSP       |
| <b>Power:</b>     | 50Hz               | 50Hz               | 50Hz               |
| <b>Volts:</b>     | 240                | 240                | 240                |
| <b>Weight:</b>    | 11.3Kg (w/o cable) | 13.9Kg (w/o cable) | 18.1Kg (w/o cable) |



## SUBMERSIBLE SLUDGE PUMP

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The FLO-KWIP S75A is specifically designed for dewatering applications with dirty water and sludge. This pump is lightweight, versatile and can handle solids up to 38mm diameter.

- 304 stainless steel outer casing
- Hytrel pump base
- Hytrel coated steel impeller
- Double mechanical seal in oil bath
- Hard-faced lower seal

### SPECIFICATIONS

|                   |                     |
|-------------------|---------------------|
| <b>Max. Flow:</b> | 380L/min            |
| <b>Max. Head:</b> | 11.7m               |
| <b>Diameter:</b>  | 38mm                |
| <b>Discharge:</b> | 50mm/2" Hose barb   |
| <b>Power:</b>     | 50Hz                |
| <b>Volts:</b>     | 240                 |
| <b>Weight:</b>    | 13.7 kg (w/o cable) |

Individual Data Sheets available on request



# Service, Repairs & Installation

Our highly qualified service technicians and fleet of service vehicles are on-call to visit your construction site, quarry, or any place of install to get you pumping again in a crisis, or to carry out a routine service of your pumping equipment.

Alternatively we can carry out servicing and repairs in our fully fitted out workshop, where an extensive range of spare parts is readily available.



## Blue-Grey Suction hose

High quality, flexible PVC suction & delivery hose with rigid PVC helix, UV stabilized and abrasion resistant. Fitted with male and female aluminum camlock, 2 clamps each end.



## Medium Duty Blue Layflat Hose

Medium-duty blue PVC layflat hose for low pressure transfer of water. Fitted with male and female aluminum camlocks, 2 clamps each end.



## Heavy Duty Red Layflat Hose

Heavy-Duty red PVC layflat hose for dewatering and water transfer. Fitted with male and female aluminum camlocks, 2 clamps each end. 6" assemblies have bauer couplings. Camlocks are available on request.

**Full range of fittings available!**



**FLO-KWIP**

If you require the best out of your fleet, you must put the best into it.... ***INSIST ON FLO-KWIP!***



**Head Office**

8-10 Parkhurst Drive  
KNOXFIELD VIC 3180

**P:** (03) 8805 0500  
**E:** sales@toolkwippumps.com

**New South Wales**

65 Seaton Street  
ARMIDALE NSW 2350

**P:** 0448 600 624  
**E:** sales@toolkwippumps.com

**Sydney**

184 Newton Road  
WETHERILL PARK NSW 2164

**P:** (03) 8805 0500  
**E:** sales@toolkwippumps.com

**Queensland**

27 Container Street  
TINGALPA QLD 4173

**P:** (03) 8805 0500  
**E:** sales@toolkwippumps.com

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