



WE CAN HANDLE IT

The Stallion pump series can handle what miners demand: **Durability**, **Portability**, and **Ease of Maintenance**. The Stallion pump is designed to transfer solid-laden slurries safely and effectively. Large internal

clearance and flow-through design keep the pump from clogging while Wilden's patented air distribution system maintains ON/OFF reliability. Find out just how durable a pump can be...

- Large solids to 25 mm (1")
- Collapsible handles
- Shock absorbing base
- Intrinsically safe operation



WILDEN[®]
A DOVER COMPANY

Solids Handling Pumps

The Stallion pump is designed to excel in harsh mining environments. Wilden Pumps have been employed in metalliferous, coal and other open cut and underground mines for site dewatering, fuel transfer, machine lubrication, and general transfer

applications. Inherent features allow Wilden pumps to excel where other pump types fail: ***Intrinsic safety, portability, ability to pump viscous slurries and pass solids, ability to run dry, and their ease of maintenance.***

Wilden is responding to the needs of the mining community with the development of the Stallion pump series. Miners spoke and we listened. You provided us with a clear design direction for a pump specifically manufactured to meet mining needs. Stallion technology incorporates many revolutionary design concepts to make miners more effective and efficient.

Collapsible handles increase portability. The handles are designed to tuck away so that they will not be broken when the pump is dropped or struck with other equipment. The handles are large enough for gloved hands and are coated with plastic for easy grip.

Large solids clearance keeps pump from clogging. A ball/seat check valve assembly maximizes parts life, increases suction lift, and increases flow rates. The check ball and inside diameter of the seat are made smaller to increase ball travel within the ball

chamber and increase solids clearance. Wilden's patented Ultra-Flex™ diaphragm configuration employs a shortened shaft stroke to allow solids to pass between the outer piston and the liquid chamber.

Shock absorbing screen base maximizes durability. A polyurethane screen base has been added to the inlet of the pump for added durability. This uniquely designed screen base absorbs the impact from the constant abuse the pump takes as it is moved from site to site.

Ultra-Flex™ diaphragm increases parts life. The majority of diaphragm pump maintenance cost is attributed to the primary wear part: ***the diaphragm.*** At Wilden we understand that increased diaphragm life will decrease down time, reduce maintenance costs and maximize return on investment.

| | T4 | T8 | T15 |
|-----------------------|----------------------|---------------------|--------------------|
| Max. flow rate | 216 lpm (57 gpm) | 560 lpm (148 gpm) | 693 lpm (183 gpm) |
| Max. air pressure | 8.6 bar (125 psig) | 8.6 bar (125 psig) | 8.6 bar (125 psig) |
| Max. size solids | 12.7 mm (1/2") | 19 mm (3/4") | 25 mm (1") |
| Max. suction lift | 4.3 m (14') | 3.4 m (10') | 4.0 m (13') |
| Displacement/stroke | 0.77 ltrs (0.17 gal) | 2.0 ltrs (0.43 gal) | 3 ltrs (0.66 gal) |
| Est. weight | 20 kg (44 lbs) | 33 kg (73 lbs) | 57 kg (125 lbs) |
| Liquid inlet size | BSP or 1-1/2" FNPT | BSP or 2" FNPT | BSP or 3" FNPT |
| Liquid discharge size | BSP or 1-1/4" FNPT | BSP or 2" FNPT | BSP or 3" FNPT |

Contact your authorized Wilden distributor for further information on the Stallion pump series and other mining solutions.

YOUR LOCAL DISTRIBUTOR:

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