



because it works



THICK-FILM / MORTAR PUMPS

[WWW.WIWA.COM](http://WWW.WIWA.COM)

# THICK-FILM / MORTAR PUMPS 410.09 / 600.12

The WIWA series 410.09 and 600.12 is perfectly suitable for the application of epoxy and water based thick-film materials and mortars, such as cement mortar, cement-bound fire protection materials, cement slurry and filled vinyl esters. In contrast to screw pumps, WIWA thick-film pumps can be flushed and cleaned with diluting agents. The pump is therefore also first choice when it comes to the transfer of epoxy based materials. Due to the use of quick release couplings the material pumps, which consist of only a few parts, can be quickly disassembled, cleaned and reassembled, which is highly beneficial with short processing times, which are quite common today. The feed funnel can also be simply removed. With this quick maintenance the downtimes, especially in construction site applications, can be reduced considerably. These large capacity pumps are designed with extra large flow passages, and due to the slow pumping speed only suffer very low wear, even when transferring high amounts of material.

**Fields of application:** Decks on ships and ferries, Concrete and building sanitation, Sealing of cellars (basements), Fire protection

**The basic equipment consists of:** Pump with carriage, Quick release couplings, 25 l (6.5 Gal) funnel with cover **The accessory kit consists of:** 10.5 m (35') hose package in a protective hose, Spray pipe with air atomizer, 8.5 mm (5/16") nozzle (other nozzle sizes on request)



Pneumatic thick-film material agitator can be directly driven via the pump. Order-No.: 0652214



Complete system



Spray pipe with air atomizer

| TECHNICAL DATA                         | WIWA 410.09                     | WIWA 600.12                     |
|--|---------------------------------|---------------------------------|
| Order-No.                              | 0653609                         | 0652595                         |
| Pressure Ratio                         | 9:1                             | 12:1                            |
| Max. Fluid Pressure                    | 72 bar (1044 psi)               | 96 bar (1392 psi)               |
| Output per cycl                        | 410 cm <sup>3</sup> (14 (fl.oz) | 600 cm <sup>3</sup> (20 (fl.oz) |
| Output at 60 Cycles                    | 24,6 ltr. (6.5 gal.)            | 36 ltr. (9.59 gal.)             |
| Air Motor Plate Diameter               | 140 mm (5.5 in.)                | 200 mm (8 in.)                  |
| Stroke Length                          | 120 mm (4.7 in.)                | 120 mm (4.7 in.)                |
| Max. Inbound Air Pressure              | 8 bar (116 psi)                 | 8 bar (116 psi)                 |
| Min. Recommended Air Compressor Rating | 3000 ltr./min (100 cfm)         | 3000 ltr./min (100 cfm)         |
| Inbound Air Port (BSPP)                | 1/2"                            | 1"                              |
| Inbound Fluid Fitting (BSPP)           | 2"                              | 2"                              |
| Outbound Fluid Port (BSPP)             | 1"                              | 1"                              |
| Accessory kit                          | Order-No.: 0653594              | Order-No.: 0653594              |