Pumping Station

Stock No	MW575
Model	Pumping station
Type	Buffer tank with stem pump
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	56
External Dimensions (WxDxH mm)	870 X 860 X 800

Description

Mass finishing process water lifting station.

This machine formed part of the critical **sub-contract metal laundry facility** at Walther Trowal UK's Surface Technology Centre. Riley Surface World staff have seen this machine **working in a well maintained and serviced environment,** prior to professional de-commissioning and operated by trained and knowledgeable operatives. In addition the manufacturer, Walther Trowal, is available to support this after sale, see below.

The lifting station can be utalised in one of two ways, either as a transfer station for transporting locally the effluent from the finishing machine to a remote water treatments system, or as a recirculation tank to hold a buffer of treatments and compound process water which can be returned under spray to the process bowl.

Water recycling:

The recycling of the process water from the finishing process does not only reduce the consumption of water (up to 98%), but it also reduces the usage of compound (up to 90%). In addition, it reduces the cost of waste disposal.

Lifting tank:

The lifting station is a low height robust storage tank made from polypropylene with a conical bottom. The tank is designed to offer gravity feed with pumped return.

Equipment included:

Immersed pump which is a self priming high lift mechanical pump for the transfer of the contained solution/sludge.

Coarse pre-filter, mesh basket inlet for the removal of large solids that may become present in the returning effluent stream.

Level pump control, through twin float-switches which will stop and start the pump as the process requires

Walther Trowal Support

Image: Walther Trowal

This machine formed part of the sub-contract metal laundry at Walther Trowal UK's Surface Technology Centre. Walther Trowal is a world leader in surface preparation technology.

Riley Surface World staff have seen this machine working in a well maintained and serviced environment, prior to professional de-commissioning.

Walther Trowal UK is available to provide technical information, engineering / service support, process trials and processing advice, finishing media, compounds / chemicals and spare parts, details on request.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.