



Technical Bulletin no 18

Installation of 27 mt dia HYCOVER Distributors For Four-Delivery at Fullerton WwTW.

Transporting the two fully assembled centre units of the distributor machines, each with an overall height of approx 4.0 mts required the use of an extra low trailer. So J A Smiths Transport with their special new low loader rig was charged with the task of delivering them safely to site. A Trerex TC40L, one of Sparrow Cranes latest machines, was used to offload and place the bowl assemblies. Offloading was achieved in less than 1 hour thus releasing the transport and avoiding delays for other operations on site. Each bowl then being hoisted into place ready to receive troughs.



Delivery of HYCOVER Centre Columns.



The first set of Trough Arms arrive.

The twin 27 mt diameter HYCOVER distributors, each fitted with stainless steel open trough type arms, were installed and assembled onto the prepared concrete support columns by two members of the Sewaco Site Installation team in 4 days.

Subsequently the special distributor drive units were installed and the machines set ready to each receive up to 320 lt/sec.

When fully loaded each machine has an operational weight of some 13 tonne.

Each set of trough arms were fully assembled at Sewaco Workshops and wrapped in protective film ready for delivery to 4Delivery Ltd as part of their contract with Southern Water for the Fullerton WwTW.

MRM Transport were contracted to deliver two loads of stainless steel arms to site. Each load comprising 4 fully assembled troughs. This enabled offloading of transport to be completed in a single lift and with the minimum of disturbance on site. Arms were then individually lifted into place and attached to the installed bowl assembly.



HYCOVER Distributors safely installed.