

Lifting Tipper Assemblies

Challenger has developed a range of Lifting Tipper Assemblies that can be applied to all sorts of applications where product requires lifting and tipping into a hopper. They are designed to safely raise bulk items, 205-litre drums, pallets, wheeled bins, etc from ground level and automatically tip the contents of the load into a hopper.

They are manufactured in two basic formats (i.e. hydraulic cylinder powered via an arc or electric motor driven via twin chains in a twin pillar format) to cater for different applications, reduced headroom and different operational conditions.

The hydraulically powered versions are manufactured with either a remote or integral electro hydraulic power unit and have failsafe valve-gear. The electric motor driven versions have are fitted with safety gear, can be inverter driven and in either case, a variety of operational controls can be offered depending on specific site requirements. The equipment can be designed for use indoors, outdoors or for use in flameproof environments.

The equipment can be manufactured in carbon steel or stainless steel and raw material contact surfaces can be lined in a variety of materials for applications such as clinical waste.

