The Fluid Coupling acts like a centrifugal clutch, by driving an impeller, the oil passing from the blades to the driven part, which acts as a driven impeller, transmits the power to the Equipment or Machine.

The oil, which fills the fluid coupling, transfers the torque and also lubricates moving parts. Fluid couplings are the easiest and cheapest way of creating a perfectly Flexible Drive Train, because no mechanical parts are necessary between the motor and the Equipment or Machine being driven. Without mechanical parts, there is practically no wear. The elasticity of the fluid coupling solves problems of power peaks in conventional electric motors and the machines they drive.

Applications include conveyors, crushers, centrifuges and wood chippers. Capacity up to 1750hp / 1300Kw. The fluid coupling is built to perform, built to last!

The advantages of using Fluid Couplings easy start-up with gradual acceleration of the driven component automatic load speed adjustment on the basis of the synchronous speed of two or more motors of the drive train is protected against overloads rotational vibrations are dampened the torque transmitted complies with pre-set values direct online start electric motors can be used, without star-delta starters or slip-ring motors with rheostat

Fluid Couplings for a soft-start requirements. The Fluid Couplings is ideal for starting high inertia loads and can be mounted in-line shaft to shaft or with V-belt pulley.