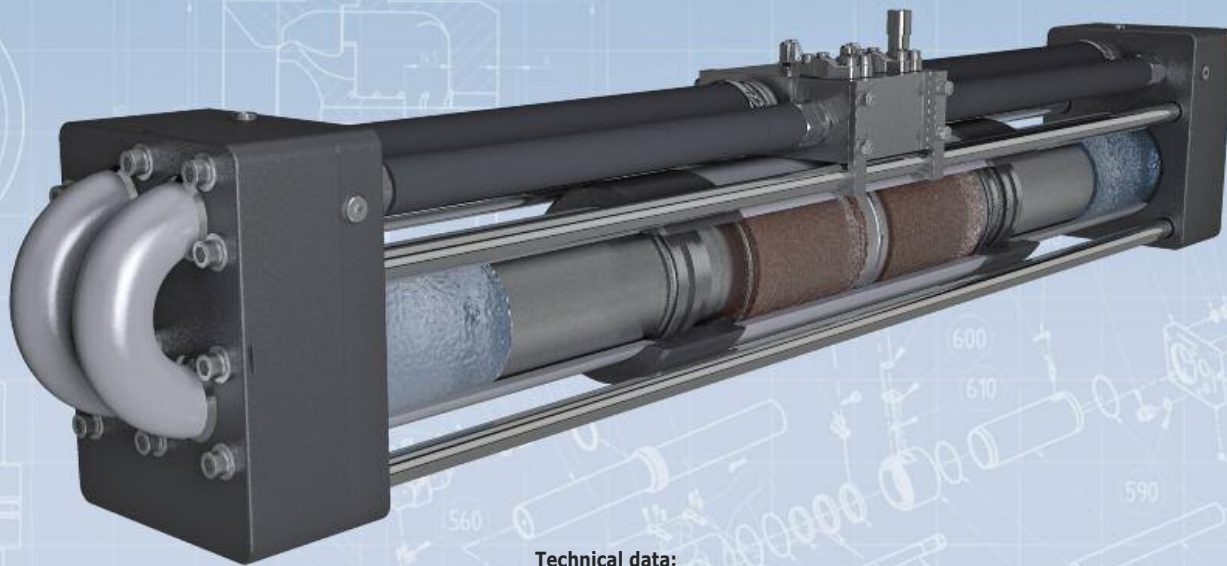


KAISER pressure transformer - KDU

High-pressure water pump



Technical data:

KDU high pressure pump	102	148	2x148
Max. water flow in l/min (USgal/min)	150 (40)	320/400/500 (85/106/132)	800 (211)
Max. water pressure in bar (psi)	170 (2465)	200 (2900)	200 (2900)

Function

The pressure transformer principle developed by KAISER has proved its worth for over 30 years as the perfect solution for cleaning sewers, especially when combined with water recycling. The KDU is a hydraulically driven high-pressure water pump that directly converts oil pressure into water pressure. Pressure and flow rate can be set independently of one another.

Outstanding level of efficiency

Using the truck auxiliary output drive, the KDU is driven via a power and pressure-controlled hydraulic pump. The required power is adjusted to the different jetting jobs. In combination with flow-optimised, symmetrical line running, fuel consumption is perceptibly reduced.

Fail-safe and low-maintenance

In contrast to a high-pressure water pump based on the 3-piston plunger principle, the piston action of the KDU is very slow. The KDU can thus run dry safely and is impervious to soiled water. The few moving parts assure exceptionally quiet running and low-noise operation. The valves on the water side can be used repeatedly. Due to the hydraulic drive, maintenance on the mechanical drive is minimal. The water pressure is set and controlled on the hydraulic side. A pressure control bypass valve, which is susceptible to wear, can thus be dispensed with on the high-pressure water side.