

Power take-offs

**When the going gets tough**

Omfb arrives on the scene with a heavy -duty series up to 61 kilogramme-force metres

A range of Pto's (power take-offs) for heavy duty work is now on the market. Omfb, based in Provaglio d'Iseo in the province of Brescia, has added them to its current production based on 13 Pto lines (600 products) where models for heavy-duty work were previously missing.

To this end Heavy duty Pto's were designed and released for cistern vehicles for unloading bulk or transferring liquids. As the barrels are equipped with high-torque absorbing compressors, working periods are long and high speed.

Pto Hd's can also be used with large forest cranes having double hydraulic oil circuits or even to packer trucks and crane roll-off vehicles.

"Omfb has seized its clients' increasingly widespread necessity to install even more complex equipment on vehicles which in turn require additional power for their operation." Explains Domenico Bianchi.

Heavy duty Pto's can withstand output torques which vary between 41 and 61 kilogramme-force metres for a long period of time by virtue of a forced lubrication system which was studied to keep operational temperature under control.

These distinctive power take-offs are able make three oil hydraulic pumps function, for set jobs, whether with gear or piston mechanisms.

There are three models: posterior 'High Power' for Zf and Mercedes transmissions, with or without retarders and with a maximum torque input of 102 kilogramme-force metres and a withdrawable maximum output torque of 51; lateral 'Power plus' for Scania, Grs 900 and 920 transmissions, also Opticruise version, with a withdrawable maximum torque of 61 kilogramme-force metres for each single output; and finally 'Multi power', a posterior power take-off for Volvo transmissions.