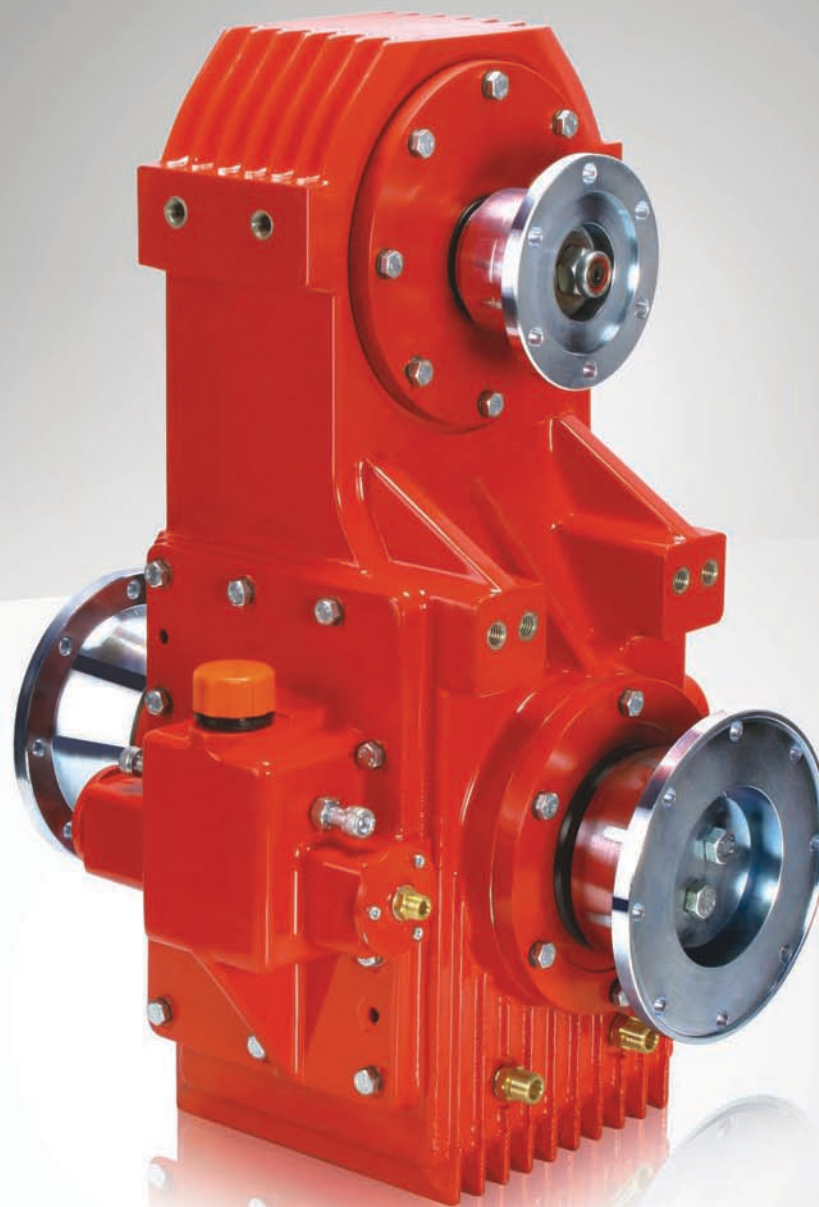




FireHawk

Power Take Off for Fire Tenders



DEPENDABLE
PTO
FOR YOUR
FIRE ENGINE



FireHawk
Power Take Off for Fire Tenders



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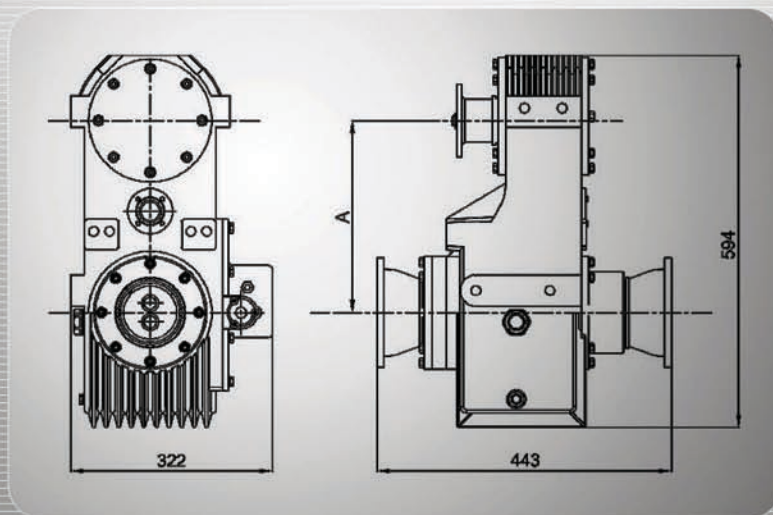
"Fire Hawk" split shaft power take off is a highly reliable and heavy duty alternative to the existing power take offs in the market. Adoption of cad/cam designs and employing cutting edge technology combined with highest quality standards in the manufacturing processes, makes FIRE HAWK one of the best suited power take off for modern fire and emergency vehicle applications.

All the needs like PTO mounting, high torque requirements, various rpm ratios, reduced down time for maintenance have been taken care of at the design stage itself. What more FIRE HAWK PTO has been developed and produced by the makers of FIREFLY pumps, a name trusted by the fire professionals worldwide for years together.

SALIENT FEATURES OF FIRE-HAWK PTO

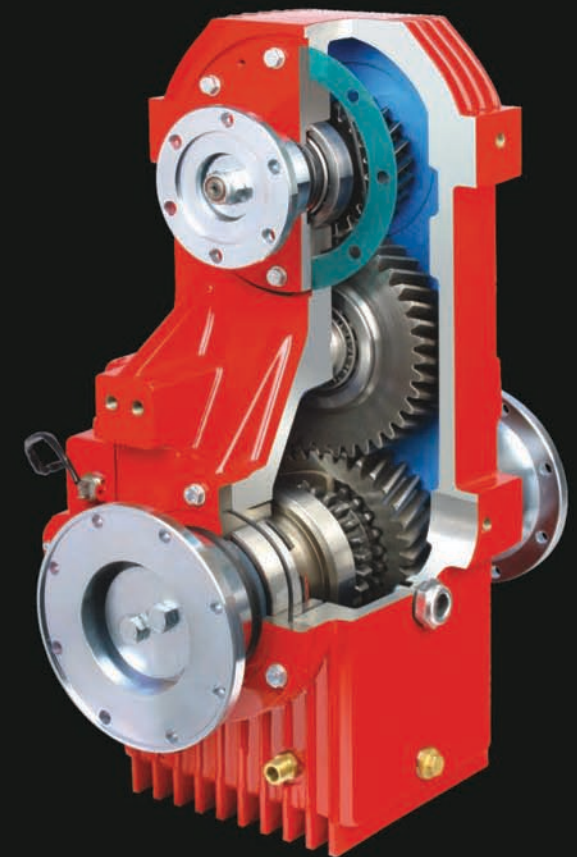
- **Gear case:** Made of high strength aluminum alloy making the PTO lighter (92.5 kg. approx) yet durable, which makes mounting/maintenance job much easier
- **Gears:** Helical gears; forged from special alloy steel, case hardened and ground to DIN class 6.
- **Bearings:** Oil lubricated oversized bearings make the PTO stronger, silent in operation & operate at low temperatures.
- **Ratios:** Available in four different ratios of 1:1.17, 1:1.31, 1:1.48, 1.1.62
- **Centre Distance:** Increased centre height offers ease of installation of drive line components.
- **Torque:** Designed to transfer through put torque of 10,000 Nm and pump shaft torque of 700 to 1000 Nm in different ratios.
- **Cooling System :** Inbuilt water cooling system is provided for continuous operations. Sufficient fins are provided on PTO body for cooling while operating on road.
- **Oil Seals:** High quality double lip oil seals provided with additional rotary seals acting as dust guards/ water slingers offer virtually leak proof operations for extended periods, no frequent oil level check up is necessary.
- **Choice of Gear Shifting mechanism:**
 - a) Automatic air controlled self locking gear shift as standard. (Air power allows the operator to shift from road or pump position by actuating a single button. Illuminated signal indicates completion of shift from road to pump and vice- versa.)
 - b) Only manual gear shift mechanism is available and is supplied with rope type flexible control lever assembly.
 - c) Combined air controlled with manual over ride gear shifting mechanism is also available.
- Front and rear bearing/bearing caps can be easily removed without removing the PTO from the vehicle. Ultimately the breakdown period of the vehicle is greatly reduced.
- Flanges to suit any vehicle are available.
- Sufficient mounting pads are provided to suit mounting on any chassis.
- Excellent inter changeability of all components.
- Excellent and prompt service / spares back up.

OVERALL DIMENSIONS

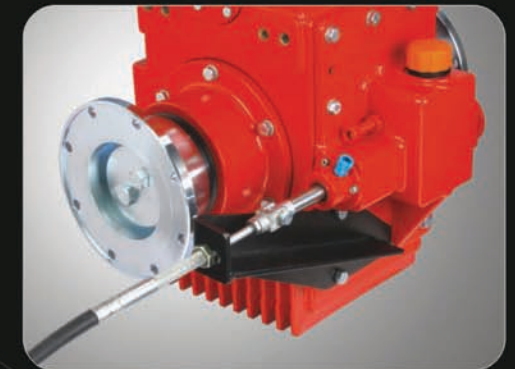


MODEL NUMBER	RATIO	CENTRE DISTANCE (A)
FM 11	1:1.17	313.0 mm
FM 13	1:1.31	306.3 mm
FM 14	1:1.48	299.6 mm
FM 16	1:1.62	297.2 mm

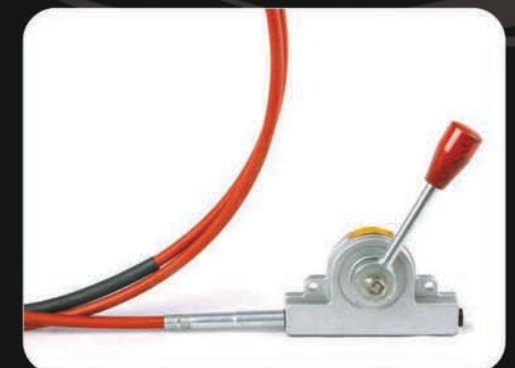
*Our policy is one of continuous development. We therefore reserve the right to amend specifications without prior notice. Pictures shown in the pamphlet do not necessarily depict details as may be described by & incorporated in a quotation



Air Control with Manual Over Ride



Flexible Control Lever Assembly



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