

EXPLORE

Product Catalog 2026

PTO Drive Shafts - Torque Limiters - Universal Joints - Safety Guards

About Explore

EXPLORE is an integrated supply-chain partner for agricultural and industrial power transmission components. We combine deep product knowledge, factory-direct sourcing, and strict in-process quality control to deliver PTO drive shafts, torque limiters, universal joints, safety guards and friction clutches to buyers across Europe, the Americas and worldwide.

Our team manages the full export workflow - technical selection, quality inspection, export documentation and fast quoting - so distributors, OEMs and dealers receive export-ready, CE-compliant components with reliable lead times.

Capability	What it means for you
Product expertise	Correct cross size, spline & tube profile selected from your old part or drawing
Quality control	Dimensional & torque checks on every batch before shipment
Export ready	CE documentation, reinforced cartons, palletised loading
Fast quoting	Quotation and technical advice within 24 hours

EXPLORE is a trading & supply-chain company. We do not claim to own a single factory; we source factory-direct from partnered manufacturing bases and add value through selection, QC and export service.

1. PTO Drive Shafts - T Series

Telescopic agricultural drive shafts with cross-and-bearing universal joints, fitted with CE plastic safety guards. Select by tractor power and required torque.

Series	Power HP (kW)	Rated Torque	Cross Journal (mm)	Tube Profile
T1	16 HP (12 kW)	210 Nm	22.0 x 54.0	Lemon / Triangle
T2	23 HP (17 kW)	270 Nm	23.8 x 61.3	Lemon / Triangle
T3	29 HP (22 kW)	350 Nm	23.8 x 61.3	Lemon / Triangle
T4	35 HP (26 kW)	460 Nm	27.0 x 74.5	Lemon / Triangle
T5	47 HP (35 kW)	620 Nm	27.0 x 74.5	Lemon / Star
T6	64 HP (47 kW)	830 Nm	30.2 x 92.0	Lemon / Star
T7	82 HP (60 kW)	1100 Nm	30.2 x 106.5	Star / Rectangular
T8	100 HP (74 kW)	1350 Nm	34.9 x 106.5	Star / Rectangular
T10	130 HP (96 kW)	1800 Nm	34.9 x 126.5	Rectangular

Yoke & Connection Options

Connection Type	Spline	Standard Use
Quick-release (push-pin)	1-3/8" Z6	Tractor PTO side
Quick-release (ball)	1-3/8" Z21	Tractor PTO side

Connection Type	Spline	Standard Use
Quick-release (ball)	1-3/4" Z20	High-power tractor PTO
Plain bore + key	Customised	Implement input side
Shear-bolt yoke	Per series	Overload protection

Closed length and extended length are made to order. Send us your old shaft photo, the two yoke types and the closed length (mm) for an exact match.

2. Torque Limiters & Overload Clutches

Protect implements and drivelines from costly overload damage. Choose the protection principle that suits the machine.

Type	Code	Torque Range	Reset	Typical Use
Shear-bolt	SL	up to 3000 Nm	Replace bolt	Rotary cutters, mowers
Friction clutch	FN/FF V	600 - 2500 Nm	Self / auto	Balers, mulchers
Friction + overrun	FNV	600 - 2500 Nm	Self / auto	Rotary cutters with inertia
Overrunning	RA	by series	Automatic	Flywheel-driven implements
Ratchet (cam)	AS	200 - 1200 Nm	Automatic	Tedders, fertiliser spreaders
Automatic (re-engage)	AC	200 - 1500 Nm	Automatic	Seasonal heavy-duty
Freewheel	FW	by series	Automatic	Centrifugal load machinery

Friction Clutch Models

Model	Discs	Disc Dia.	Torque Range
FN (single)	2	Ø160 mm	600 - 1200 Nm
FN (double)	4	Ø200 mm	1200 - 1800 Nm
FFV (heavy)	8	Ø200 mm	1800 - 2500 Nm

3. Universal Joints, Safety Guards & Spares

Precision cross journals, weld & push-pin yokes, profiled inner/outer tubes, plastic safety guard sets, bearings, pins and repair kits - compatible with major brand standards.

Category	Items
Cross kits	22.0x54 / 23.8x61.3 / 27x74.5 / 30.2x92 and more
Yokes	Weld yoke, push-pin yoke, ball-collar quick-release yoke
Tubes	Lemon, triangle, star and rectangular profiles
Guards	Cone, base and bearing guard sets (CE)
Spares	Snap rings, lubrication fittings, repair kits

4. Packaging, MOQ & Lead Time

Item	Standard Export Packing
Inner	Anti-rust film + foam end caps
Carton	Reinforced 5-ply export carton
Pallet	Fumigated wooden pallet, strapped & wrapped
MOQ	Typically 50 - 100 pcs / model (negotiable)
Sample lead time	7 - 10 days
Bulk lead time	25 - 35 days after deposit
Compatible brands	Cross-reference to Bondioli & Pavesi, Comer, Walterscheid

Get a Quote

Email your drawing, old part photo, or model code and quantity. Our engineers reply within 24 hours with selection advice and pricing.

Contact Explore

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