



Exclusive Forestry Design

# CAN YOUR COMPANY AFFORD THE RISK?

Forestry work leaves no room for error. Many modified excavators on the market lack essential safety certifications. Purchasing machinery without proper protection is not a cost saving; it is an unacceptable risk to your operators' lives and your company's liability.



## CERTIFIED SAFETY, NOT JUST WORDS.



ROPS  
Rollovers



FOPS  
Falling  
objects



OPS  
Object  
penetration

ROPS, FOPS, and OPS are structural safety systems designed to protect the machine operator: ROPS (rollover), FOPS (falling objects), and OPS (object penetration). These steel structures guarantee a "survival space" and are mandatory under international standards.



**WITH FPM, SAFETY IS NOT OPTIONAL,  
IT IS YOUR TOTAL SAFETY.**



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FORESTRY  
MACHINES

## TR RANGE

- TR 130 SR
- TR 160
- TR 190 N
- TR 190
- TR 190 SR



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**DESIGNED TO PERFORM,  
BUILT TO LEAD.**



REQUEST  
A NO-OBLIGATION  
QUOTE

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FPM TR forestry machines: a range that combines over two decades of experience with solutions engineered to maximize performance in the field. These robust, technologically advanced machines are ready to tackle the most extreme challenges of forestry work.



**Technology that drives results**

High-efficiency hydraulic systems ensure continuous and reliable operation, even in the harshest environments. Each cab is built to comply with the strictest forestry standards, providing safety and comfort for the operator.

**Versatile design, guaranteed productivity**

With 5 models to choose from, each optimized for specific applications, the FPM TR range represents a leap forward in productivity, efficiency, and durability.

**Why choose FPM?**

- Enhanced safety
- High-performance hydraulics
- Lightweight and maneuverable
- Ergonomic design
- Easy maintenance
- Power from 130 to 190 hp

**Other recommended attachments**



**WESTTECH** Tree shear | **VOSCH** Grapple with/without saw | **AFM** Harvester head | **FPM/QUADCO** Feller buncher | **FAE** Mulcher cutter | **TECMAF** Tree shear



**OPERATIONAL VERSATILITY**

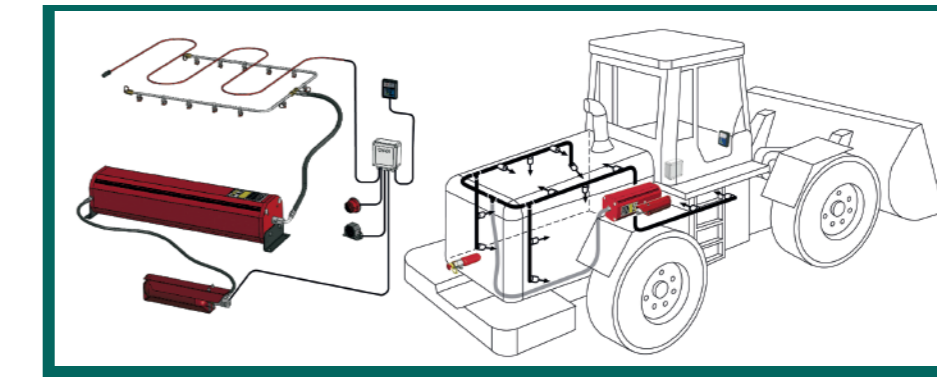
FPM TR Range: multi-attachment and versatile, keeping your machine working 365 days a year.

FEATURES	TRI30SR	TRI60	TRI90N	TRI90	TRI90SR
<b>CONFIGURATION</b>					
ROPS/FOPS certified structure	✓	✓	✓	✓	✓
Polycarbonate front and side windows (OPS Certified)	✓	✓	✓	✓	✓
Front emergency exit	✓	✓	✓	✓	✓
Cab-top and lower-cab toolboxes	✓	✓	✓	✓	✓
Hose and tube protection on boom and arm	✓	✓	✓	✓	✓
HD protective plate for the swivel joint	✓	✓	✓	✓	✓
HD travel motor cover reinforcements	✓	✓	✓	✓	✓
Protective shield, safety valves, and lift cylinder protection	✓	✓	✓	✓	✓
Full upper structure and hood protection	✓	✓	✓	✓	✓
Hydraulic oil cooler	○	○	○	○	○
Anti-derailment track guides	○	○	○	○	○
360° and cab LED lights	○	○	○	○	○
Blade	○	○	-	-	○
500mm track shoes	✓	✓	✓	-	-
600mm track shoes	○	○	○	✓	✓
700mm track shoes	○	○	○	○	○
800mm track shoes	○	○	○	○	○
Wide undercarriage +30 cm	-	○	-	-	-
Wide undercarriage +39 cm	-	-	○	-	-
Fifth cylinder (Auxiliary positioning cylinder)	○	○	○	○	○
Grade 0 quick coupler	○	○	○	○	○
Cleanfix reversible fan	○	○	○	○	○
Connected machine with analytics and alert management	✓	✓	✓	✓	✓
<b>BASE SPECIFICATIONS</b>					
Engine: Internal combustion engine	Cummins F3.8	Cummins B4.5	Cummins B4.5	Cummins B6.7	Cummins B6.7
Engine power:	130 CV	160 CV	190 CV	190 CV	190 CV
Weight from:	17 000 kg	18 700 kg	23 200 kg	23 200 kg	25 000 kg
Boom:	mono 4600 mm	mono 5100 mm	mono 5680 mm	mono 5680 mm	mono 5680 mm
Arm (o Stick):	2500 mm	2600 mm	2920 mm	2920 mm	2920 mm
Transport length:	6965 mm	8190 mm	9570 mm	9570 mm	8950 mm
Transport height:	3120 mm	3270 mm	3270 mm	3270 mm	3360 mm
Width (standard track shoes):	2490 mm	2490 mm	2550-2990 mm	2990 mm	2990 mm
Ground pressure (without attachment):	0,34 a 0,54 kg/cm2	0,38 a 0,59 kg/cm2	0,40 a 0,64 kg/cm2	0,41 a 0,53 kg/cm2	0,50 a 0,57 kg/cm2
Hydraulic Configurations by Attachment Standard hydraulic circuit for cylinder-actuated attachments (e.g., shears, grapples):					
Recommended attachment	WESTTECH C300/C350 Vosch 1650 VC	WESTTECH C350 Vosch 1650 VC	WESTTECH C450 Vosch 1950 VC AFM 55 - AFM 60 TRIM 380 FAE BL3 - UML/S	WESTTECH C450 Vosch 1950 VC	WESTTECH C450 Vosch 1950 VC
High-flow line	250l/min - 350 bars	320l/min - 350 bars	450l/min - 350 bars	450l/min - 350 bars	450l/min - 350 bars
Low-flow line	40l/Min - 180 bars	40l/Min - 180 bars	60l/Min - 180 bars	60l/Min - 180 bars	60l/Min - 180 bars
Option: Dedicated, cab-programmable hydraulic circuit for rotating attachments. Includes drain line and electrical line.					
Harvester head attachment: High-flow line	AFM 45 - AFM 55 316 l/min - 350 bar	AFM 55 - AFM 60 382 l/min - 350 bar	-	AFM 65 534 l/min - 350 bar	AFM 65 534 l/min - 350 bar
Disc felling head attachment, with control valve block: Dedicated rotor line Control valve line	TRIM 380 62 l/min - 350 bar 127 l/min - 350 bar	TRIM 380 62 l/min - 350 bar 160 l/min - 350 bar	-	QUADCO 20SC 90 l/min - 350 bar 222 l/min - 350 bar	QUADCO 20SC 90 l/min - 350 bar 222 l/min - 350 bar
Forestry mulcher attachment: High-flow line	FAE BL2/S - UML/HY 189 l/min - 350 bar	FAE BL2/S - UML/EX 222 l/min - 350 bar	-	FAE BL3 - UML/S 312 l/min - 350 bar	FAE BL3 - UML/S 312 l/min - 350 bar

FPM TR: Designed to perform. Built to lead.  Standard  Optional

**SYSTEM EXPANSIONS & CUSTOMIZATION OPTIONS**

**DAFO FIRE SUPPRESSION SYSTEM**



In the forest, fire gives no second chances.

- Automatic detection of extreme heat. Immediate suppression via liquid agent. Operates even when the machine is shut down.
- Extinguishment in critical areas (engine and hydraulic systems).

**MACHINERY FLEET ACTIVITY TRACKING SYSTEM**



Optimization and efficiency for your equipment fleet.

- Real fuel consumption
- Operating hours
- Work mapping
- Maintenance schedule
- Fault codes

**CAB AND EQUIPMENT CUSTOMIZATION OPTIONS**

	<b>WINCH</b> 6.5 t hydraulic logging winch. 70 m of 14 mm wire rope.		<b>HYDRAULIC COOLER</b> Additional hydraulic oil cooler for continuous rotation attachments.
	<b>SUN SHADES</b> Retractable sun shades. They limit heat transfer into the cab.		<b>BLADE</b> Stabilizing and leveling blade installed on the drive sprocket side.
	<b>GRADE 0 QUICK COUPLER</b> Grade 0 quick coupler. Fast, secure, and compact.		<b>CAB AND 360° LED LIGHTS</b> Powerful 360° LED lighting.
	<b>660 / 700 / 800 MM TRACK SHOES</b> 600 to 800 mm track shoes, available in single, double, or triple grouser profiles.		<b>CLEANFIX REVERSIBLE FAN</b> Cleanfix reversible fan for the engine radiator.

The manufacturer and distributor assume no responsibility for errors in specifications or changes to product features without prior notice.