

**FMT SERIES**

# FMPT 100 SHAFTLESS TAKE-UP & PAY-OUT MACHINE

Ground traversing, heavy-duty reel handling for large-diameter industrial applications.



**100K**  
LBS LOAD CAPACITY

**100,000 LB CAPACITY**

**50 HP AC DRIVE**

**0-15 RPM**

**480 VAC / 3 PHASE**

## GROUND TRAVERSING SHAFTLESS TAKE-UP AND PAY-OUT MACHINE

### TECHNICAL SPECIFICATIONS

**50 HP**  
AC Variable Speed  
& Torque Control  
Drive

**0-15 RPM**  
Operating Speed  
Range

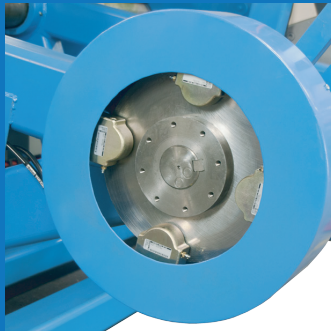
**480 VAC**  
Power  
Requirements —  
3 Phase

# STANDARD FEATURES

- Heavy duty construction with bolt-down floor flanges
- Electric/hydraulic lifting and pintle positioning system
- Yaskawa Vector Drive with Encoder Feedback Card
- Zero speed holding & hydraulic self-contained holding brake
- Braking resistors, Marathon Max Inverter Duty Motor
- Ground traversing AC Vector Drive, adjustable pitch up to 5" material
- Front ground track flush to floor, raised rear ground track
- Self-contained hydraulic dual caliper braking system
- Operable via local joystick control
- Dual front mounted pendant loading controls



AC Vector Precision Drives



Multi-Caliper Holding Brake

## CONTROL SYSTEMS

### MAIN CONTROL PANEL

- Power on/off
- Drive start and stop pushbuttons
- Forward/reverse selector switch
- Torque potentiometer
- Run trim speed potentiometer
- Ground traverse speed potentiometer
- Ground traverse jog joystick, left/right
- Variable speed safety footswitch
- Drive condition LED and fault reset
- Emergency stops

### PENDANT CONTROLS

- Joystick raise/lower and arms in/out
- Drive jog forward and reverse
- Emergency stop pushbuttons

## Standard Reel Capacity

Model	Reel Diameter	Reel Width	AC Power	Hydraulic Drive	Reel Weight	Voltage
FMT5	24" - 72"	12" - 48"	5 HP 0-35 RPM 10 HP 0-70 RPM	5 HP 0-35 RPM 10 HP 0-70 RPM	5,000 Lbs	208/230/240/480
FMT10	24" - 96"	12" - 60"	10 HP 0-35 RPM 20 HP 0-70 RPM	10 HP 0-35 RPM 20 HP 0-70 RPM	10,000 Lbs	208/230/240/480
FMT15	24" - 108"	24" - 74"	10 HP 0-35 RPM 20 HP 0-70 RPM	15 HP 0-35 RPM 25 HP 0-70 RPM	15,000 Lbs	208/230/240/480
FMT20	24" - 120"	24" - 84"	15 HP 0-35 RPM 25 HP 0-70 RPM	20 HP 0-35 RPM 30 HP 0-70 RPM	20,000 Lbs	208/230/240/480
FMT25	36" - 144"	24" - 84"	15 HP 0-35 RPM 30 HP 0-70 RPM	20 HP 0-35 RPM 40 HP 0-70 RPM	25,000 Lbs	208/230/240/480
FMT30	36" - 144"	36" - 96"	20 HP 0-35 RPM 40 HP 0-70 RPM	25 HP 0-35 RPM 50 HP 0-70 RPM	30,000 Lbs	208/230/240/480
FMT40	36" - 144"	36" - 96"	30 HP 0-35 RPM	40 HP 0-35 RPM	40,000 Lbs	208/230/240/480
FMT60	36" - 144"	36" - 96"	40 HP 0-35 RPM	50 HP 0-35 RPM	60,000 Lbs	208/230/240/480
FMT80	36" - 144"	36" - 96"	50 HP 0-35 RPM	75 HP 0-35 RPM	80,000 Lbs	208/230/240/480
FMT100	36" - 144"	36" - 96"	75 HP 0-35 RPM	100 HP 0-35 RPM	100,000 Lbs	208/230/240/480
FMPT100	36" - 144"	36" - 96"	75 HP 0-35 RPM	100 HP 0-35 RPM	100,000 Lbs	208/230/240/480

## WARRANTY & INCLUSIONS

One-Year Warranty | Operation & Maintenance Manual | Schematics Included  
General layout provided for approval prior to construction

**REELPOWER**  
INDUSTRIAL

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Request a  
Quote Today

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