

FULL RANGE OF DEDICATED CARRIERS



a brand of FAE Group

PRIMETECH SELF-PROPELLED,
TRACKED CARRIERS FROM 160 TO 600 HP

Unmatched Versatility

PrimeTech's line of prime movers reflects the company's long experience and is designed to meet the needs of our international customer base. Our range of multi-purpose tracked carriers is perfect for use in forestry, agriculture and construction, and combines minimum effort with maximum flexibility. Various specially designed and interchangeable FAE front attachments can be attached to the carriers:

Applications - rock crusher

- to crush rocks in road construction
- to build and maintain gravel and forestry roads
- to crush rocks on ski slopes to make snow making easier and better for snow-cats
- to crush rocks on farmland and pastures



Applications – mulching head

- to clear land for the oil & gas business: seismic lines for oil exploration, pipelines, leases, etc.
- to clear land for the construction industry: roads, subdivisions, land development, site preparation, etc.
- for vegetation management: fence lines, power-lines, wind power parks, embankments of roads, railroads, highways, ROW clearing etc.
- forestry and reforestation: clearing brush and slash, thinning, site preparation, etc.
- plantations: palm tree, pineapple, sugar cane, eucalyptus and pine plantations (site preparation)
- to cut fire-breaks for fire suppression (before wildfires break out) or to actually fight wildfires (and stop them going further)



Applications - forestry tiller/ subsoiler

- land conversion: clear stumps and roots to convert forests/
pastures/woodland into farmland
- to clear stumps and roots before replanting in plantations, etc.
- to clear stumps and roots in road construction (after harvesting
or mulching the trees)
- to strip the frozen top soil to allow excavators to dig



Applications – soil stabilizer / asphalt shredder / rock crusher

- to stabilize soil in road construction: mix the soil with additives like lime, cement, etc.
- to reclaim land for road preparation
- to mill and profile asphalt of an existing pavement
- to crush rocks in road construction
- to build and maintain gravel and forestry roads



PT-175, PT-300, PT-400, PT-475 or PT-600?

All you need to make the right choice

PT-175

PT-300

PT-400

PT-475

PT-600

DIESEL ENGINE

Model	Cummins QSB4.5 119	John Deere 6068HF485	Caterpillar C13 Acert	Caterpillar C13 Acert	Cummins QSX15
Gross power	KW - 160 HP	205 KW - 275 HP	310 kW - 415 HP	354 kW - 475 HP	447 kW - 600 HP
Rating	2200 rpm	2400 rpm	2100 rpm	2100 rpm	2100 rpm
Torque	460 lb-ft - 624 Nm	756 lb-ft - 1025 Nm	1398 lb-ft - 1896 Nm	1544 lb-ft - 2094 Nm	1875 lb-ft - 2542 Nm

HYDROSTATIC MULCHER TRANSMISSION

Pumps	Danfoss	Danfoss	Danfoss	Danfoss	Bosch Rexroth
Displacement	100 cc	130 cc	250 cc	130 cc	180 cc
Pressure	5250 psi - 360 bar	4650 psi - 320 bar	5500 psi - 380 bar	5440 psi - 375 bar	5500 psi - 380 bar
Oil flow	61 gal/min - 230 l/min	93 gal/min - 353 l/min	141 gal/min - 535 l/min	153 gal/min - 580 l/min	198 gal/min - 750 l/min

UNDERCARRIAGE AND TRACKS

Model	Berco MF200		Berco D4 - oscillating		Berco D5 HD - oscillating		Berco D5 HD - oscillating		Berco D7 - oscillating	
Version	STD	LGP	STD	LGP	STD	LGP	STD	LGP	STD	LGP
Track chain	20 in - 500 mm	28 in - 700 mm	26 in - 660 mm	32 in - 800 mm	32 in - 800 mm	48 in - 1200 mm	24 in - 600 mm	36 in - 900 mm	26 in - 660 mm	34 in - 850 mm
Ground pressure	4.70 psi / 0,33 Kg/cm ²	3.65 psi / 0,26 Kg/cm ²	3.95 psi / 0,28 Kg/cm ²	3.25 psi / 0,23 Kg/cm ²	4.95 psi / 0,35 Kg/cm ²	3.55 psi / 0,25 Kg/cm ²	7.0 psi / 0,51 Kg/cm ²	4.9 psi / 0,36 Kg/cm ²	7.10 psi / 0,50 Kg/cm ²	5.70 psi / 0,40 Kg/cm ²
Track shoes	single grouser	single grouser	single grouser	double grouser	double grouser	double grouser	single grouser	double grouser	single grouser	double grouser

WEIGHT

Version	STD	LGP	STD	LGP	STD	LGP	STD	LGP	STD	LGP
With mulching head	19355 lbs / 8770 Kg	20194 lbs / 9160 Kg	27756 lbs / 12590 Kg	29652 lbs / 13450 Kg	44092 lbs / 20000 Kg	47633 lbs / 21606 Kg	50265 lbs / 22800 Kg	52690 lbs / 23900 Kg	60600 lbs / 27500 Kg	62800 lbs / 28500 Kg

FAE front attachments

	PT-175	PT-300	PT-400 and PT-475	PT-600
MULCHING HEADS				
Model	140/U	200/U	300/U	500/U
Transmission	single	double	double	double
Hydraulic motor type	1 x 160 cc - variable displ.	2 x 110 cc - variable displ.	2 x 160 cc - variable displ.	2 x 200 cc- variable displ.
Version	140/U-140	200/U-200	300/U-225	500/U-225
Overall width	69 in - 1750 mm	95 in - 2420 mm	108 in - 2735 mm	110 in - 2790 mm
Working width	58 in - 1465 mm	81 in - 2060 mm	90 in - 2300 mm	91 in - 2320 mm
Version	140/U-175	200/U-210	300/U-250	500/U-250
Overall width	83 in - 2120 mm	98 in - 2500 mm	117 in - 2975 mm	120 in - 3040 mm
Working width	72 in - 1820 mm	85 in - 2160 mm	100 in - 2540 mm	101 in - 2560 mm
Version	140/U-200	200/U-225		500/U-275
Overall width	93 in - 2360 mm	105 in - 2660 mm		129 in - 3270 mm
Working width	81 in - 2060 mm	90 in - 2300 mm		110 in - 2800 mm

FORESTRY TILLERS / SUBSOILERS

Model	200/S	300/S	500/S
Transmission	double	double	double
Hydraulic motor type	2 x 180 cc	2 x 250 cc	2 x 250 cc
Version	200/S-200	300/S-225	500/S-225
Overall width	96 in - 2440 mm	102 in - 2600 mm	116 in - 2950 mm
Working width	82 in - 2080 mm	91 in - 2320 mm	91 in - 2320 mm
Version	200/S-225		500/S-250
Overall width	105 in - 2680 mm		126 in - 3190 mm
Working width	91 in - 2320 mm		101 in - 2560 mm

SOIL STABILIZERS / ASPHALT SHREDDERS and ROCK CRUSHERS

Model	RSL/HY	500/RC	500/S
Transmission	double	double	double
Hydraulic motor type	1 x 250 cc	2 x 250 cc	2 x 250 cc
Version	RSL/HY-200	500/RC-225	500/S-225
Overall width	93 in - 2360 mm	108 in - 2750 mm	116 in - 2950 mm
Working width	77 in - 1960 mm	91 in - 2320 mm	91 in - 2320 mm
Version	RSL/HY-225	500/RC-250	500/S-250
Overall width	102 in - 2600 mm	118 in - 2990 mm	126 in - 3190 mm
Working width	87 in - 2200 mm	101 in - 2560 mm	101 in - 2560 mm

Discover our main benefits

Maximizing productivity

Extremely high performance is achieved due to the perfect integration of elements such as diesel engines, hydraulic systems and electronic control systems, all suitable for heavy-duty applications and guaranteeing the highest productivity.



Extremely low ground pressure

Thanks to wide tracks, ensuring a wide contact surface, and a long and oscillating undercarriage, our purpose-built carriers are extremely stable and exert extraordinarily low ground pressure, allowing increased mobility during work on otherwise inaccessible terrain, such as swampland and muskeg.



Reliable and easy to maintain

The main components of our PT carriers are very easily accessible, thus maintenance time and costs are significantly reduced.



First in comfort and functionality



Our carriers are designed to maximize the operator's comfort and safety, whilst enabling high performance and ease of use of the vehicle. They offer:

- great visibility
- a level of sound-proofing that is the best on the market
- the lowest level of vibrations inside the cab
- ergonomic position of joysticks
- easy-to-use display and control panel
- air conditioning system
- comfortable, adjustable driver's seat (heated and air suspended)
- MP3 / CD player.

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