

# Recycling and Forestry Products **SOLUTIONS GUIDE**



**Thompson** 



Horizontal Grinders



**2700C**

**Length:** Operation: 52' 6"  
Travel: 39' 11"  
**Width:** Operation: 8' 4"  
Travel: 8' 4"  
**Height:** Operation: 16' 11"  
Travel: 11' 7"  
**Weight:** 55,600 lbs.  
**Engine:** Cat C13 or C15  
**Horsepower:** 475 or 580 hp  
**Feed Opening:** 60.75" x 32"  
**Production: C13**  
Greenwaste: 214 yd<sup>3</sup>/62 US tons per hour  
Scrap board: 262 yd<sup>3</sup>/24 US tons per hour  
**Production: C15**  
Greenwaste: 264 yd<sup>3</sup>/77 US tons per hour  
Scrap board: 323 yd<sup>3</sup>/55 US tons per hour



**4700B**

**Length:** Operation: 56' 4"  
Travel: 39' 8.75"  
**Width:** C16: 10' 4"  
C18: 10' 8.5"  
**Height:** Operation: 16' 6.5"  
Travel: 12' 3.5"  
**Weight:** 65,000 - 72,000 lbs.  
**Engine:** Cat C16 or C18  
**Horsepower:** 630 or 700-765 hp  
**Feed Opening:** 60" x 37.5"  
**Production: C16**  
Greenwaste: 300 yd<sup>3</sup>/80 US tons per hour  
Scrap board: 375 yd<sup>3</sup>/55 US tons per hour  
**Production: C18**  
Greenwaste: 360 yd<sup>3</sup>/95 US tons per hour  
Scrap board: 425 yd<sup>3</sup>/65 US tons per hour



**4750B**

**Length:** Operation: 56' 4"  
Travel: 39' 8.75"  
**Width:** Operation: 9' 8.5"  
Travel: 8' 6"  
**Height:** Operation: 16' 6.5"  
**Weight:** 62,500 lbs.  
**Engine:** Toshiba high efficiency  
460v/3-phase electric  
**Horsepower:** 2 @ 300 or 400 hp each  
**Feed Opening:** 60" x 37.5"  
**Production:**  
Greenwaste: 360 yd<sup>3</sup>/95 US tons per hour  
Scrap board: 425 yd<sup>3</sup>/65 US tons per hour



**6710B**

**Length:** Operation: 54' 8.5"  
Travel: 46' 7"  
**Width:** Operation: 12' 0.5"  
Travel: 11' 7"  
**Height:** Operation: 15' 9.75"  
Travel: 12' 6.375"  
**Weight:** 105,000 lbs.  
**Engine:** Cat C27 or C32 Tier II  
**Horsepower:** Cat C27 @ 950 hp, 1050 hp or  
C32 @ 950 hp, 1125 hp, 1200 hp  
**Feed Opening:** 66" x 50"  
**Production:** **C32 @ 1200 hp**  
Greenwaste: 583 yd<sup>3</sup>/170 US tons per hour  
Scrap board: 653 yd<sup>3</sup>/111 US tons per hour  
C&D: 100-170 US tons per hour



**2710C**

**Length:** Operation: 49' 9.25"  
Travel: 37' 2"  
**Width:** Operation: 8' 6"  
Travel: 8' 6"  
**Height:** Operation: 15' 10.125"  
Travel: 10' 5.75"  
**Weight:** 59,000 lbs.  
**Engine:** Cat C13 or C15  
**Horsepower:** 475 or 580 hp  
**Feed Opening:** 60.75" x 32"  
**Production: C13**  
Greenwaste: 214 yd<sup>3</sup>/62 US tons per hour  
Scrap board: 262 yd<sup>3</sup>/24 US tons per hour  
**Production: C15**  
Greenwaste: 264 yd<sup>3</sup>/77 US tons per hour  
Scrap board: 323 yd<sup>3</sup>/55 US tons per hour



**4710B**

**Length:** Operation: 52' 6.25"  
Travel: 36' 2.25"  
**Width:** Operation: 10' 3.5"  
Travel: 10' 3.5"  
**Height:** Operation: 15' 9.75"  
Travel: 11' 6"  
**Weight:** 74,000 -79,000 lbs.  
**Engine:** Cat C18  
**Horsepower:** 700-765 hp  
**Feed Opening:** 60" x 37.5"  
**Production:**  
Greenwaste: 360 yd<sup>3</sup>/95 US tons per hour  
Scrap board: 425 yd<sup>3</sup>/65 US tons per hour



**5710C**

**Length:** Operation: 54' 6"  
Travel: 44' 4"  
**Width:** Operation: 10' 4.25"  
Travel: 9' 10"  
**Height:** Operation: 15' 10"  
Travel: 12'  
**Weight:** 83,000 lbs.  
**Engine:** Cat C27 or C32 Tier II  
**Horsepower:** Cat C27 @ 950 hp, 1050 hp or  
C32 @ 950 hp  
**Feed Opening:** 60" x 40"  
**Production:** **C27 @ 1050 hp**  
Greenwaste: 501 yd<sup>3</sup>/138 US tons per hour  
Scrap board: 591 yd<sup>3</sup>/90 US tons per hour



**6750B**

**Length:** Operation: 60' 8"  
Travel: 44' 0.5"  
**Width:** Operation: 11' 10.25"  
Travel: 11' 8.75"  
**Height:** Operation: 17' 11.5"  
Travel: 13' 3.25"  
**Weight:** 87,620 lbs.  
**Engine:** high efficiency 460v/3-phase  
electric  
**Horsepower:** 2 @ 600 hp each  
**Feed Opening:** 66" x 50"  
**Production:** **C32 @ 1200 hp**  
Greenwaste: 583 yd<sup>3</sup>/170 US tons per hour  
Scrap board: 653 yd<sup>3</sup>/111 US tons per hour



**6700B**

**Length:** Operation: 60' 8"  
Travel: 44' 0.5"  
**Width:** Operation: 11' 10.25"  
Travel: 11' 8.75"  
**Height:** Operation: 17' 11.5"  
Travel: 13' 3.25"  
**Weight:** 86,000 - 91,000 lbs.  
**Engine:** Cat C27 or C32 Tier II  
**Horsepower:** Cat C27 @ 950 hp, 1050 hp or  
C32 @ 950 hp, 1125 hp, 1200 hp  
**Feed Opening:** 66" x 50"  
**Production:** **C32 @ 1200 hp**  
Greenwaste: 583 yd<sup>3</sup>/170 US tons per hour  
Scrap board: 653 yd<sup>3</sup>/111 US tons per hour  
C&D: 100-170 US tons per hour

Peterson Horizontal Grinders are also available in asphalt shingle grinding packages.



**Blower Trucks**

**BT40B Blower Truck**



Length: 36' 9"  
 Width: 8'  
 Height: 11' 9.25"  
 Box Volume: Struck: 40 yds<sup>3</sup>  
                   Typical: 37 yds<sup>3</sup>  
 Weight: 34,160 lbs.  
 Blower System: 2100 CFM  
 Output: 60 yds<sup>3</sup> per hour

**BT60 Blower Truck**



Length: 40'  
 Width: 8' 6"  
 Height: 12' 8.25"  
 Box Volume: Struck: 61 yds<sup>3</sup>  
                   Typical: 58 yds<sup>3</sup>  
 Weight: 38,000 lbs.  
 Blower System: 2100 CFM  
 Output: 60 yds<sup>3</sup> per hour

**BTR Series Blower Trailers**



Length: BTR45: 30'  
           BTR70: 40'  
           BTR90: 48'  
 Width: Standard: 8' 6"  
           Optional: 8'  
 Weight: BTR45: 25,600 lbs  
           BTR70: 27,000 lbs  
           BTR90: 28,000 lbs per hr  
 Weight: 44,440 lbs.  
 Engine: Cat C18  
 Horsepower: 630, 700, or 765 hp  
 Feed Opening: 26" x 40.5"

**Screening Plant**



**DS5162 Screening Plant**

Length: 40' 2"  
 Width: Operation: 59' 6"  
           Travel: 10' 8"  
 Height: Operation: 14' 3"  
           Travel: 11' 6"  
 Weight: 62,000 lbs.  
 Engine: Cummins 4.5 QSC Tier III  
 Horsepower: 130 hp  
 Performance: 500 US tons per hour

**Chippers and Flail Debarkers**



**4300 Drum Chipper**

Length: Operation: 34' 5.75"  
           Travel: 34' 5.75"  
 Width: Operation: 9' 11"  
           Travel: 8' 2"  
 Height: Operation: 11' 9.25"  
           Travel: 11' 9.25"  
 Weight: 44,440 lbs.  
 Engine: Cat C18  
 Horsepower: 630, 700, or 765 hp  
 Feed Opening: 26" x 40.5"

**4800E Delimber/Debarker**



Length: 23' 8.25"  
 Width: 8' 5.5"  
 Height: 8' 5.5"  
 Weight: 34,000 lbs.  
 Engine: Cat C9  
 Horsepower: 350 hp  
 Feed Opening: 23" x 48"  
 Production: 60 US tons per hour

**5000H Delimber/Debarker/Chipper**



Length: Operation: 51' 3.25"  
           Travel: 53' 5.5"  
 Width: Operation: 11' 8.5"  
           Travel: 11' 7.25"  
 Height: Travel: 13' 6"  
 Weight: 102,200 lbs.  
 Engine: Cat C27 or C32 Tier II  
 Horsepower: C 27 @ 950 hp, 1050 hp or C32 @ 950 hp, 1125 hp, 1200 hp

**5900 Whole Tree Disc Chipper**



Length: Operation: 26' 10"  
 Width: Operation: 16' 1.5"  
           Travel: 9' 4.5"  
 Height: Travel: 13' 1.75"  
 Weight: 43,990 lbs.  
 Engine: Cat C18  
 Horsepower: 765 hp

Peterson Disc Chippers are also offered as stationary units.

**Biomass Chippers**



**320**

Length: 31' 4"  
 Width: 8' 6"  
 Height: 10' 7"  
 Weight: 24,500 lbs.  
 Engine: CAT  
 Horsepower: 365-500 hp  
 Feed Opening: 22" x 36"



**332**

Length: 28' 4"  
 Width: 8'  
 Height: 8' 6"  
 Weight: 18,500 lbs.  
 Engine: CAT  
 Horsepower: 275-350 hp  
 Feed Opening: 20" x 36"



**334**

Length: 31' 4"  
 Width: 8' 5"  
 Height: 10' 7"  
 Weight: 28,000 lbs.  
 Engine: CAT  
 Horsepower: 365-500 hp  
 Feed Opening: 22" x 36"



**337**

Length: 39'  
 Width: 10' 2"  
 Height: 11'  
 Weight: 50,100 lbs.  
 Engine: CAT  
 Horsepower: 630-700 hp  
 Feed Opening: 24" x 48"



**390**

Length: 45'  
 Width: 9' 6"  
 Height: 12' 6"  
 Weight: 86,400 lbs.  
 Engine: CAT  
 Horsepower: 700-1200 hp  
 Feed Opening: 40" x 48"



**440**

Length: 40'  
 Width: 10'  
 Height: 10' 1"  
 Weight: 55,100 lbs.  
 Engine: CAT  
 Horsepower: 630/700 hp  
 Feed Opening: 28" x 45"



**460**

Length: 44' 5"  
 Width: 11' 4"  
 Height: 12' 3"  
 Weight: 80,000 lbs.  
 Engine: CAT  
 Horsepower: 800 - 1200 hp  
 Feed Opening: 32" x 60"

Woodsmann Drum Chippers are also offered as stationary units.

Track options are also available for the Woodsmann 440 and 460 models.





SHRED. SCREEN. GRIND.

## SM Trommel Screens



(Track option available)

### SM 514/514K

Length:	Operation:	45' 10"
	Travel:	34' 4"
Width:	Operation:	7' 2"
Height:		12' 6"
Weight:		23,150 lbs.
Engine:		CAT C2.2
Horsepower:		50 hp
Speed:		0-23 rpm
Conveyor Width:	Rear:	32"
	Side:	24"



### SM 617

Length:	Operation:	46' 9"
	Travel:	35' 3"
Width:	Operation:	8' 2"
Height:		13' 2"
Weight:		29,760 lbs.
Engine:		CAT 3044C
Horsepower:		63 hp
Speed:		0-22 rpm
Conveyor Width:	Rear:	32"
	Side:	32"



(Track option available)

### SM 720/720K

Length:	Operation:	49' 3"
	Travel:	38' 9"
Width:	Operation:	8' 4"
Height:		13' 1"
Weight:		37,480 lbs.
Engine:		MB OM 904 LA
Horsepower:		100 hp
Speed:		0-22 rpm
Conveyor Width:	Rear:	40"
	Side:	40"



### SM 726

Length:	Operation:	50' 11"
	Travel:	40' 6"
Width:	Operation:	8' 4"
Height:		13' 2"
Weight:		37,480 lbs.
Engine:		MB OM 904 LA
Horsepower:		100 hp
Speed:		0-19 rpm
Conveyor Width:	Rear:	40"
	Side:	40"

## AK High Speed Grinders



### AK 230

Length:	Operation:	39' 6"
	Travel:	30' 3"
Width:	Operation:	6' 10"
Height:		10' 2"
Weight:		33,070 lbs.
Engine:		MB OM 906 LA
Horsepower:		200 hp
Speed:		1140-1320 rpm
Conveyor Width:		60"



### AK 430

Length:	Operation:	38' 2"
	Travel:	31' 7"
Width:	Operation:	8' 2"
Height:		13' 0"
Weight:		41,890 lbs.
Engine:		MB OM 460 LA
Horsepower:		430 hp
Speed:		850-1000 rpm
Conveyor Width:		72"



### AK 530

Length:	Operation:	50' 8"
	Travel:	36' 9"
Width:	Operation:	8' 2"
Height:		12' 4"
Weight:		55,110 lbs.
Engine:		MB OM 502 LA
Horsepower:		530 hp
Speed:		970-1085 rpm
Conveyor Width:		60"



### AK 630

Length:	Operation:	57' 3"
	Travel:	40' 9"
Width:	Operation:	8' 2"
Height:		12' 11"
Weight:		66,140 lbs.
Engine:		MB OM 502 LA
Horsepower:		610 hp
Speed:		970-1140 rpm
Conveyor Width:		60"

## DW Slow Speed Shredders



### DW 2060

Length:	Operation:	36' 9"
	Travel:	21' 9"
Width:		7' 4"
Height:		8' 2"
Weight:		33,070 lbs.
Engine:		MB OM 906 LA
Horsepower:		205 hp
Speed:		35 rpm
Conveyor Width:		32"



### DW 2560

Length:	Operation:	40' 4"
	Travel:	30' 11"
Width:		8' 2"
Height:		12' 10"
Weight:		41,890 lbs.
Engine:		MB OM 460 LA
Horsepower:		390 hp
Speed:		31 rpm
Conveyor Width:		48"



(Track option available)

### DW 3060SA/3060K

Length:	Operation:	41' 10"
	Travel:	32'
Width:		8' 2"
Height:		12' 6"
Weight:		52,910 lbs.
Engine:		MB OM 460 LA
Horsepower:		430 hp
Speed:		32 rpm
Conveyor Width:		48"



### DW 3080K

Length:	Operation:	48' 5"
	Travel:	30' 2"
Width:		9' 10"
Height:		10' 6"
Weight:		100,300 lbs.
Engine:		MB OM 502 LA
Horsepower:		610 hp
Speed:		30 rpm
Conveyor Width:		48"



### DZ 750

Length:	Operation:	62' 11"
	Travel:	44' 3"
Width:		8' 4"
Height:		12' 11"
Weight:		101,415 lbs.
Engine:		MB OM 502 LA
Horsepower:		610 hp
Speed:		35 rpm
Conveyor Width:		60"

Custom built Picking Stations, Stacking Conveyors and Stationary Electric Solutions are also available:



**Knuckleboom Loaders**



**519 Knuckleboom Loader**

Gross Power: 119 kw (160 hp)  
Lift Capacity @ Maximum Reach:  
1 850 kg @ 8.2 m (4,079 lbs @ 27 ft)  
Standard Boom Length: 8.2 m (27 ft)



**529 Knuckleboom Loader**

Gross Power: 119 kw (160 hp)  
Lift Capacity @ Maximum Reach:  
2 380 kg @ 8.8 m (5,246 lbs @ 29 ft)  
Standard Boom Length: 8.8 m (29 ft)



**559B Knuckleboom Loader**

Horsepower: 124 kw (167 hp)  
Lift Capacity @ Maximum Reach:  
2 798 kg @ 9.8 m (6,168 lbs @ 32 ft)  
Standard Boom Length: 9.8 m (32 ft)



**569 Knuckleboom Loader**

Horsepower: 129 kw (173 hp)  
Lift Capacity @ Maximum Reach:  
2 480 kg @ 9.9 m (5,468 lbs @ 32 ft 6 in)  
Standard Boom Length: 9.9 m (32 ft 6 in)



**579 Knuckleboom Loader**

Gross Power: 129 kw (173 hp)  
Lift Capacity @ Maximum Reach:  
2 480 kg @ 9.9 m (5,468 lbs @ 32 ft 6 in)  
Standard Boom Length: 9.9 m (32 ft 6 in)

**Knuckleboom Loader - TMS**



**559 Knuckleboom Loader - TMS**

Factory installed system that includes delimeter, ground saw slasher and trailer  
Available with four loader models:  
529 / 559 / 569 / 579

**Wheel Feller Bunchers**



**553 Wheel Feller Buncher**

Gross Power: 129 kw (173 hp)  
Wheelbase: 257.8 cm (101.5 in)  
Operating Wt w/o Attachment:  
11 476 kg (25,300 lbs)



**563 Wheel Feller Buncher**

Gross Power: 147 kw (197 hp)  
Wheelbase: 287 cm (113 in)  
Operating Wt w/o Attachment:  
12 272 kg (27,275 lbs)



**573 Wheel Feller Buncher**

Gross Power: 168 kw (225 hp)  
Wheelbase: 287 cm (113 in)  
Operating Wt w/o Attachment:  
12 599 kg (27,775 lbs)

**Wheel Skidders**



**525 Wheel Skidder**

Net Flywheel Power: 136 kw (182 hp)  
Operating Weight: 17 711 kg (39,045 lbs)  
Wheelbase: 3534 mm (139.2 in)



**535 Wheel Skidder**

Net Flywheel Power: 152 kw (204 hp)  
Operating Weight: 18 044 kg (39,780 lbs)  
Wheelbase: 3534 mm (139.2 in)



**545 Wheel Skidder**

Net Flywheel Power: 163 kw (219 hp)  
Operating Weight: 19 198 kg (42,325 lbs)  
Wheelbase: 3939 mm (155.1 in)

**Forest Machines**



**320D Forest Machine**

Net Flywheel Power:  
117 kw (157 hp)  
Operating Weight  
(General Forestry HW):  
26 900 kg (59,315 lbs)



**324D Forest Machine**

Net Flywheel Power:  
140 kw (188 hp)  
Operating Weight  
(General Forestry HW):  
31 226 kg (68,853 lbs)



**325D Forest Machine**

Net Flywheel Power:  
152 kw (204 hp)  
Operating Weight  
(General Forestry HW):  
33 329 kg (73,478 lbs)



**330D Forest Machine**

Net Flywheel Power:  
200 kw (268 hp)  
Operating Weight  
(General Forestry HW):  
41 426 kg (91,344 lbs)

Note: Lift Capacity shown without attachment.  
Additional reach and attachment weight will reduce lift capacity.



**Knuckleboom Loaders**



**2180 Knuckleboom Loader**

Gross Power: 82 kw (110 hp)  
Lift Capacity @ Maximum Reach:  
488 kg @ 8.2 m (1,076 lbs @ 27')  
Standard Boom Length: 8.2 m (27')



**2210 Knuckleboom Loader**

Gross Power: 119 kw (160 hp)  
Lift Capacity @ Maximum Reach:  
1850 kg @ 8.2 m (4,079 lbs @ 27')  
Standard Boom Length: 8.2 m (27')



**2280 Knuckleboom Loader**

Gross Power: 119 kw (160 hp)  
Lift Capacity @ Maximum Reach:  
2380 kg @ 8.8 m (5,246 lbs @ 29')  
Standard Boom Length: 8.8 m (29')



**2384 Knuckleboom Loader**

Gross Power: 119 kw (160 hp)  
Lift Capacity @ Maximum Reach:  
2798 kg @ 9.8 m (6,168 lbs @ 32')  
Standard Boom Length: 9.8 m (32')



**2410 Knuckleboom Loader**

Gross Power: 129 kw (173 hp)  
Lift Capacity @ Maximum Reach:  
2480 kg @ 9.9 m (5,468 lbs @ 32' 6")  
Standard Boom Length: 9.9 m (32' 6")



**2414 Knuckleboom Loader**

Gross Power: 129 kw (173 hp)  
Lift Capacity @ Maximum Reach:  
2480 kg @ 9.9 m (5,468 lbs @ 32' 6")  
Standard Boom Length: 9.9 m (32' 6")



**TMS-II Knuckleboom Loader**

Factory installed system that includes delimeter, ground saw slasher and trailer  
Available with four loader models:  
2280 / 2384 / 2410 / 2414

**Wheel Feller Bunchers**



**2470 Wheel Feller Buncher**

Gross Power: 129 kw (173 hp)  
Wheelbase: 257.8 cm (101.5")  
Weight: 11 476 kg (25,300 lbs)



**2570 Wheel Feller Buncher**

Gross Power: 142 kw (190 hp)  
Wheelbase: 287 cm (113")  
Weight: 12 272 kg (27,275 lbs)



**2670 Wheel Feller Buncher**

Gross Power: 164 kw (220 hp)  
Wheelbase: 287 cm (113")  
Weight: 12 599 kg (27,775 lbs)

Notes: + 2470 with SH48 High Capacity Saw, 2570/2670 with SS56 Side Cut Saw

\* for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 3 cm (1.2");  
for 77.5 cm (30.5") x (81.3 cm (32")) tires add 13 cm (5")

\*\* for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 3 cm (1.2");  
for 77.5 cm (30.5") x (81.3 cm (32")) tires add 10 cm (4")

\*\*\*for 170.2 cm (67") x 86.4 cm (34") x 66 cm (26") tires add 29 cm (11.5");  
for 77.5 cm (30.5") x (81.3 cm (32")) tires add 12 cm (4.8")

**Thompson**



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<b>Attalla</b> (256) 570-1100	<b>Montgomery</b> (334) 215-5000	<b>Tuscaloosa</b> (205) 247-2800
<b>Birmingham</b> (205) 841-8601	<b>Opelika</b> (334) 749-3359	<b>Tuscumbia</b> (256) 381-2771
<b>Decatur</b> (256) 353-7721	<b>Oxford</b> (256) 831-4104	<b>Crestview, FL</b> (850) 682-6510
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<b>Huntsville</b> (256) 532-1776	<b>Thomasville</b> (334) 636-0420	<b>Panama City, FL</b> (850) 785-4007
<b>Mobile</b> (251) 626-5100		<b>Pensacola, FL</b> (850) 471-6700

**Thompson**



**Rental  
STORE**

**COMPACT CONSTRUCTION EQUIPMENT  
AND ALLIED EQUIPMENT**

<b>Birmingham</b> (205) 326-0334	<b>Mobile</b> (251) 452-1180	<b>Pensacola</b> (850) 471-6710
<b>Calvert</b> (251) 829-5777	<b>Montgomery</b> (334) 262-1101	<b>Shelby County</b> (205) 664-9489
<b>Dothan</b> (334) 673-3300	<b>Oxford/Anniston</b> (256) 835-5737	<b>Tuscaloosa</b> (205) 247-3402
<b>Huntsville</b> (256) 532-3001	<b>Panama City</b> (850) 235-9624	



**Thompson CAT**

**Rental Locations**

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