

# Boom Matrix Chart

Boom Application and Sizing Matrix		MBS SERIES		PB SERIES	NT SERIES			
		MBS12H	MBS13H	PB12H	NT12	NT16	NT20	NT24
APPLICATION		Mobile	Mobile	Mobile				
Stationary		Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Grizzly				Lt-Grizzly	Lt-Grizzly	Lt-Grizzly	Lt-Grizzly	Lt-Grizzly
Gyratory								
Operating Weight Range Complete System	LB (Kg)	6,108-8,026 (2,770-3,640)	6,248-8,346 (2,915-3,785)	9,000-11,070 (4,080-5,020)	10,396-12,616 (4,715-5,722)	10,648-12,868 (4,829-6,434)	10,900-13,120 (4,943-5,950)	11,152-12,254 (5,058-5,557)
Verticle Reach*	ft-in (M)	7' 11" (2.4)	7' 2" (2.2)	11' 11" (3.6)	9' 10" (3.0)	12" 10" (3.9)	16' 2" (4.9)	22' 3" (6.7)
Horizontal Reach*	ft-in (M)	11' 7" (3.5)	12' 11" (3.9)	12' 5" (3.8)	13' 2" (4.0)	15' 1" (4.6)	19' 1" (5.8)	24' 0" (7.3)
Maximum Reach*	ft-in (M)	16' 0" (4.8)	16' 5" (5.0)	18' 2" (5.5)	18' 10" (5.7)	20' 8" (6.3)	24' 8" (7.5)	30' 11" (9.4)
Swing Method / Arc		Turntable/220°	Turntable/220°	SwingPost/150°	SwingPost/170°	SwingPost/170°	SwingPost/170°	SwingPost/170°
Recommended Hammer Types		BX10 to BX30	BX10 to BX30	BX10 to BX30	BX10 to BX30	BX10 to BX30	BX10 to BX30	BX10 to BX20

Boom Application and Sizing Matrix		MRH SERIES				MRHT SERIES		
		MRH16	MRH20	MRH25	MRH30	MRHT16	MRHT20	MRHT25
APPLICATION		MRH16	MRH20	MRH25	MRH30	MRHT16	MRHT20	MRHT25
Mobile								
Stationary		Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Grizzly		Std-Grizzly	Std-Grizzly	Std-Grizzly		Std-Grizzly	Std-Grizzly	Std-Grizzly
Gyratory		LtDuty.Gyratory	LtDuty.Gyratory	LtDuty.Gyratory		LtDuty.Gyratory	LtDuty.Gyratory	LtDuty.Gyratory
Operating Weight Range Complete System	LB (Kg)	17,894-22,300 (8,115-10,113)	18,294-21,060 (8,297-9,551)	19,194-21,300 (8,705-9,660)	24,894-27,000 (11,289-12,245)	18,027-22,343 (8,176-10,133)	18,337-21,103 (8,316-9,571)	19,237-21,343 (8,714-9,679)
Verticle Reach*	ft-in (M)	14' 9" (4.5)	18' 0" (5.4)	21' 5" (6.5)	24' 7" (7.5)	13' 4" (4.0)	16' 7" (5.0)	20' 1" (6.1)
Horizontal Reach*	ft-in (M)	16' 7" (5.0)	20' 6" (6.2)	25' 0" (7.6)	30' 1" (7.5)	16' 3" (4.9)	20' 1" (6.1)	24' 7" (7.5)
Maximum Reach*	ft-in (M)	23' 9" (7.2)	27' 7" (8.4)	32' 0" (9.7)	36' 5" (11.1)	23' 4" (7.1)	27' 2" (8.3)	31' 8" (9.5)
Swing Method / Arc		SwingPost/170°	SwingPost/170°	SwingPost/170°	SwingPost/150°	Turntable/330°	Turntable/330°	Turntable/330°
Recommended Hammer Types		BX20 to BXR85	BX20 to BXR65	BX20 to BXR50	BX20 to BXR65	BX20 to BXR85	BX20 to BXR65	BX20 to BXR50

\* Dimensions taken from center of swing rotation. Dimensions are based on a nominal breaker for each boom and may change based on final breaker selection.

Boom Application and Sizing Matrix		MRX SERIES			MRXT SERIES		
		MRX24	MRX30	MRX36	MRXT24	MRXT30	MRXT36
APPLICATION		MRX24	MRX30	MRX36	MRXT24	MRXT30	MRXT36
Grizzly		Hvy Grizzly	Hvy Grizzly	Hvy Grizzly	Hvy Grizzly	Hvy Grizzly	Hvy Grizzly
Gyratory		Std Duty Gyratory	Std Duty Gyratory	Std Duty Gyratory	Std Duty Gyratory	Std Duty Gyratory	Std Duty Gyratory
Operating Weight Range Complete System	LB (Kg)	31,900 - 35,214 (14,467 - 15,970)	33,700 - 37,014 (15,283 - 16,786)	36,100 - 36,913 (16,372 - 16,741)	31,900 - 35,214 (14,467 - 15,970)	33,700 - 37,014 (15,283 - 16,786)	36,000 - 36,913 (16,372 - 16,741)
Verticle Reach*	ft-in (M)	21' 6" (6.6)	26' 9" (8.2)	31' 9" (9.6)	17' 3" (5.3)	21' 7" (6.6)	27' 5" (8.3)
Horizontal Reach*	ft-in (M)	24' 6" (7.5)	29' 7" (9.0)	36' 7" (11.1)	23' 2" (7.0)	28' 3" (8.6)	34' 10" (10.6)
Maximum Reach*	ft-in (M)	32' 9" (10.0)	38' 2" (11.5)	45' 7" (13.9)	31' 6" (9.6)	36' 6" (11.1)	43' 8" (13.3)
Swing Method / Arc		SwingPost/160°	SwingPost/160°	SwingPost/160°	Turntable/330°	Turntable/330°	Turntable/330°
Recommended Hammer Types		BX40 to BXR85	BX40 to BXR35	BX40 to BXR65	BX40 to BXR85	BX40 to BXR85	BX40 to BXR65

Boom Application and Sizing Matrix		TTX SERIES				TRX SERIES		
		TTX30	TTX35	TX40	TX45	TRX46	TRX52	TRX58
APPLICATION		TTX30	TTX35	TX40	TX45	TRX46	TRX52	TRX58
Gyratory		Heavy Duty Gyratory	Heavy Duty Gyratory	Heavy Duty Gyratory	Heavy Duty Gyratory	Heavy Duty Gyratory	Heavy Duty Gyratory	Heavy Duty Gyratory
Operating Weight Range Complete System	L3 (Kg)	45,557-50,407 (20,661-22,860)	47,594-51,194 (21,585-23,217)	49,152-51,452 (22,291-23,334)	50,460-52,760 (22,884-23,927)	93,300-99,200 (42,320-44,996)	101,400-107,500 (45,994-48,761)	109,500-115,600 (49,668-52,435)
Verticle Reach*	ft-in (M)	24' 5" (7.4)	32' 4" (9.8)	36' 11" (11.3)	42' 3" (12.8)	45' 8" (13.9)	51' 9" (15.8)	55' 9" (17.0)
Horizontal Reach*	ft-in (M)	30' 0" (9.1)	35' 7" (10.8)	39' 0" (11.9)	43' 0" (13.4)	45' 10" (13.9)	52' 0" (15.8)	69' 0" (21.1)
Maximum Reach*	ft-in (M)	38' 11" (11.8)	44' 4" (13.5)	48' 6" (14.8)	53' 6" (16.3)	57' 10" (17.6)	64' 0" (19.5)	70' 0" (21.3)
Swing Method / Arc		Turntable/330°	Turntable/330°	Turntable/330°	Turntable/330°	Turntable/330°	Turntable/330°	Turntable/330°
Recommended Hammer Types		BX50 to BXR120	BX50 to BXR100	BX50 to BXR100	BXR85 to BXR100	BXR85 to BXR160	BXR85 to BXR160	BXR85 to BXR160

\* Dimensions taken from center of swing rotation. Dimensions are based on a nominal breaker for each boom and may change based on final breaker selection.



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