



ROTO50.35SPLUSEE4 CVT



MERLO

PERFORMANCE AND FEATURES

ROTO50.35SPLUSEE4 CVT

PERFORMANCE

Total unladen weight (lb)	51478
Maximum capacity (lb)	11000
Lifting height (ft)	111' 6"
Maximum reach (ft)	88' 6"
Maximum operating height (ft)	44' 5"
Maximum operating reach (ft)	33' 0"
Capacity at maximum height (lb)	5000
Capacity at maximum reach (lb)	1100
Lateral boom movement (inch)	-
Tilting correction (%)	± 12; ± 4
Boom sections	5

POWERTRAIN

Turbo motor	FPT NEF45
Displacement/cylinders	4500/4
Engine Power (kW/HP)	125/170
Anti-pollution technology	TIER 4, DOC+SCR
Reversible fan	-
Maximum speed (mph)	25
Fuel tank (gal)	39.6
AdBlue tank (gal)	11.4
Hydrostatic transmission	CVTronic
EPD	●
Auto-revving joystick	●
Axles - Reducers	Axial, Epicyclic
Machine brakes	Wet discs
Automatic parking brake	●

HYDRAULIC

Hydraulic pump	2 - LS + FS
Flow rate/pressure (gal/min – psi)	41,7+26,4 - 3771
Hydraulic tank (gal)	58.1
Hydraulic outlet at the top of the boom	●
Rear hydraulic outlets	-

CAB

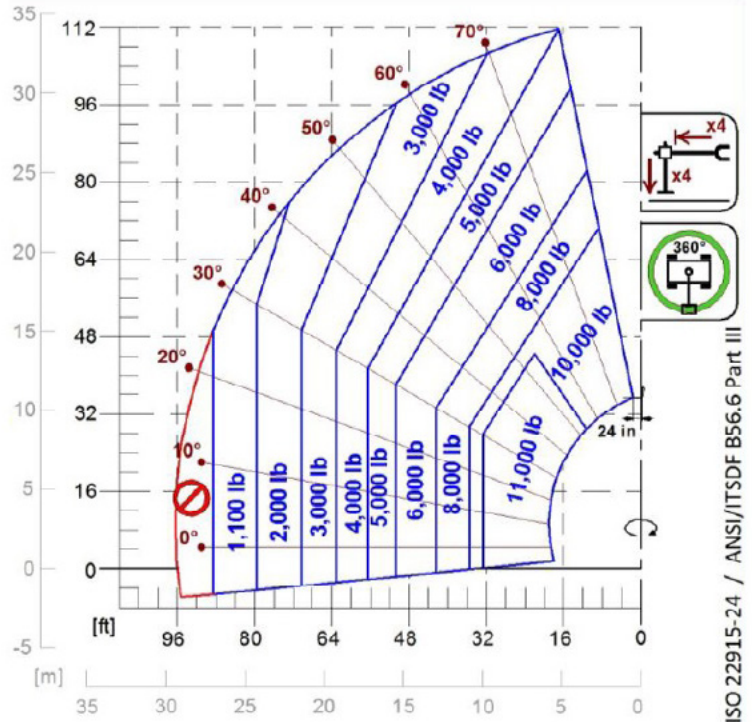
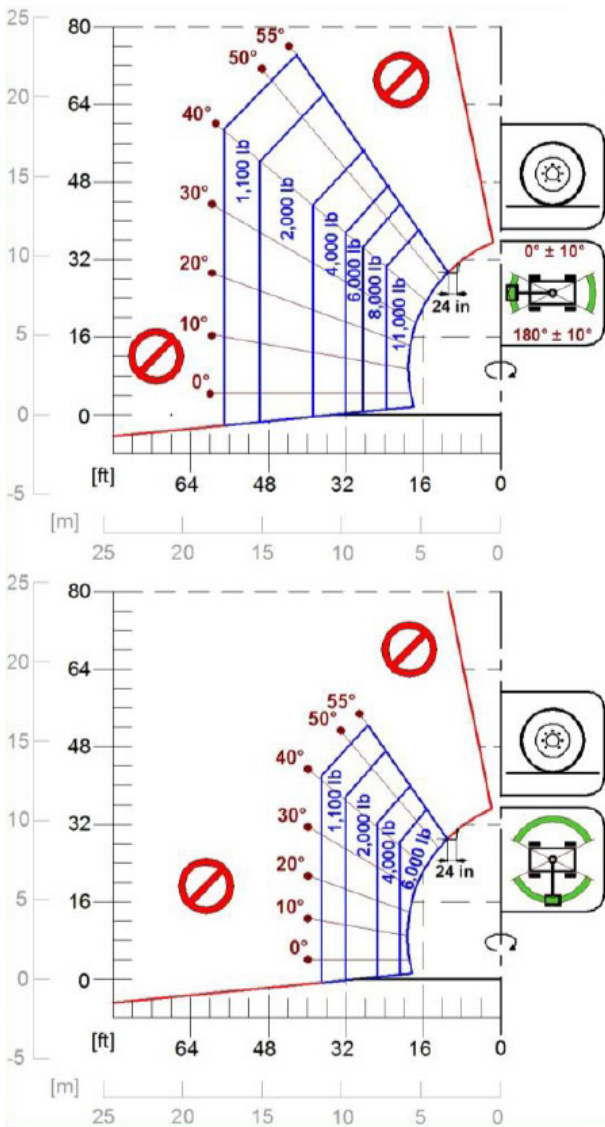
Cab configuration	Premium
ASCS Adaptive Stability Control System	Full
FOPS LIV II cab	●
ROPS cab	●
Cab commands	Electronic joystick control
Tilting Cab	●
Reverse shuttle	Dual Reverse

CONFIGURATION

Cab suspension	-
Boom suspension	○
Suspension on axles	●
Work headlights on cab	●
Sun blind	●
Tac-lock	●
Provision for a platform	●
Two floating forks	●
Inching-Control	-
Four-wheel drive	●
Four-wheel steering	●
Three steering modes	●
Standard tyres	445/80 R 25
Optional tyres	-
Stabilisers	Multiposition
Turret rotation	continuous
Type approval as an agricultural tractor	-
Approval with PNEUMATIC braking	-
Approval with HYDRAULIC braking	-
PTO	-
3-point linkage	-

- Not Available. ● standard. ○ optional.

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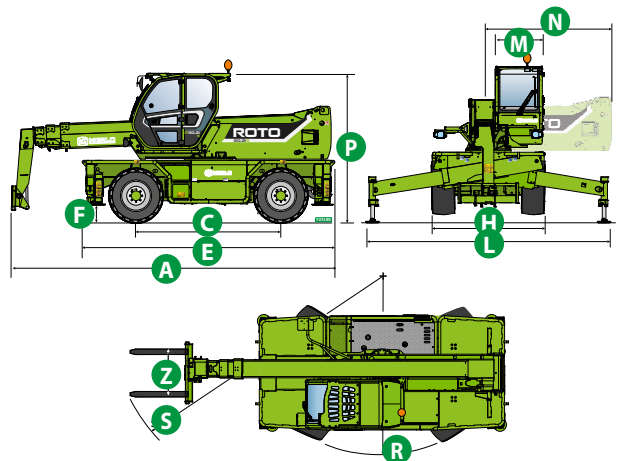
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ISO 22915-24 / ANSI/ITSDF B56.6 Part III

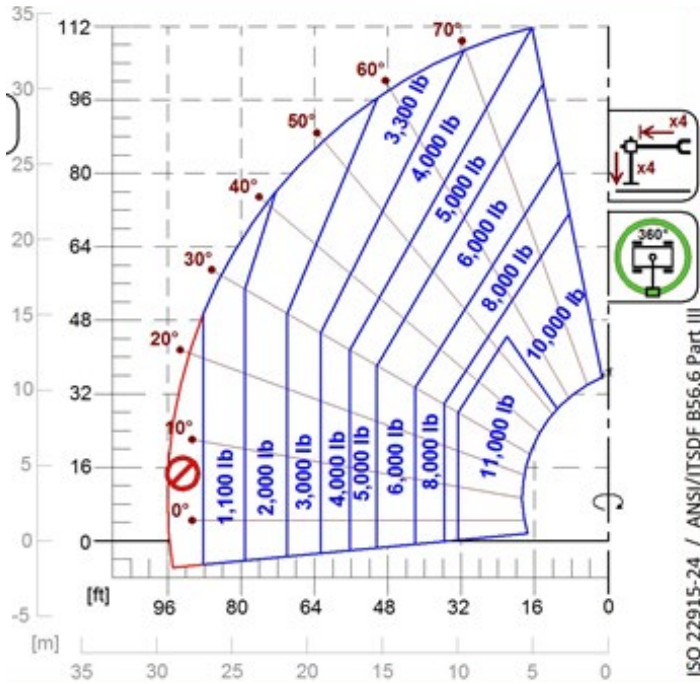
DIMENSIONS

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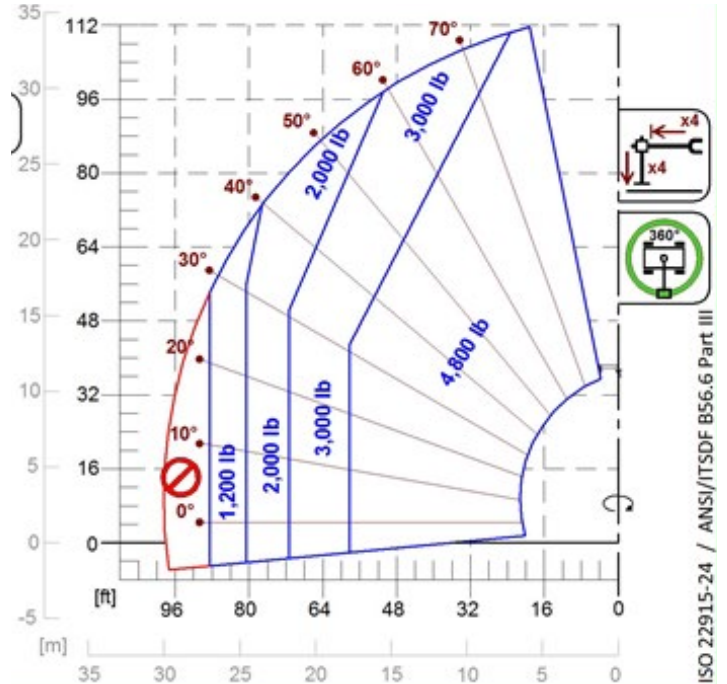
A (inch)	338.2		
C (inch)	148.8		
E (inch)	272.0		
F (inch)	12.4		
H (inch)	100.0		
L (inch)	-		
M (inch)	39.8		
N (inch)	-		
P (inch)	130.9		
R (inch)	190.6		
S (inch)	280.7		
Z (inch)	33.5		



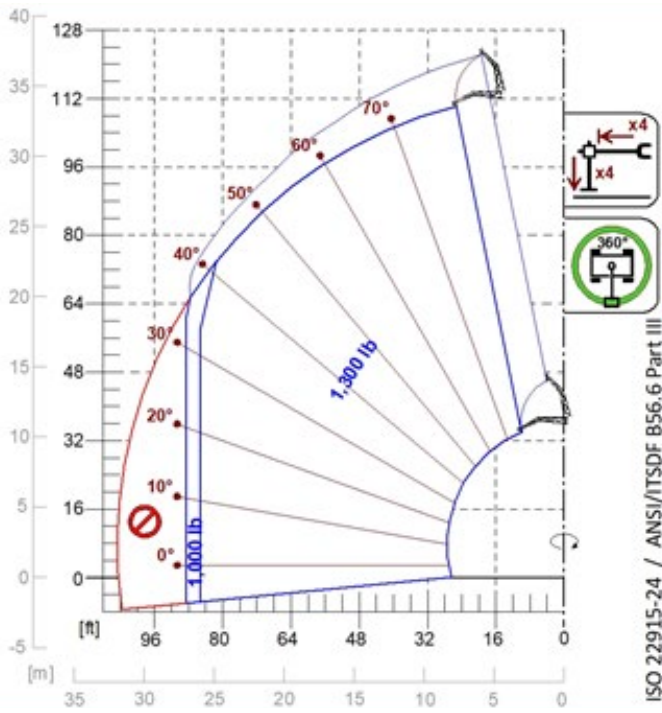
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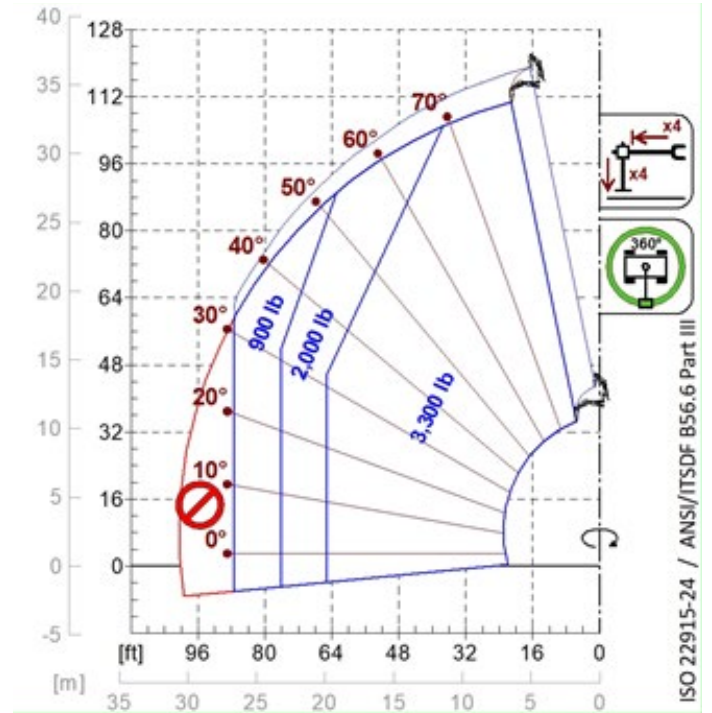
A1000



A1118B

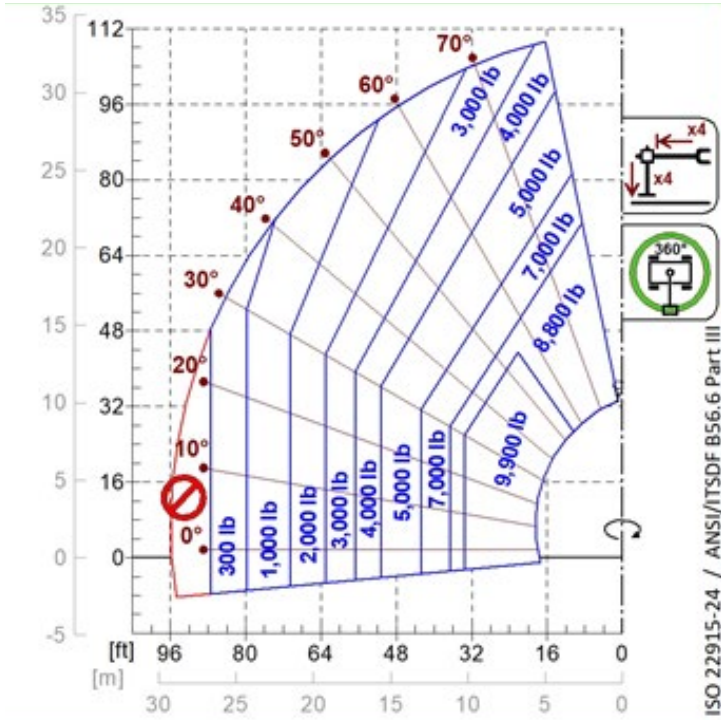


A1200B
A1300B

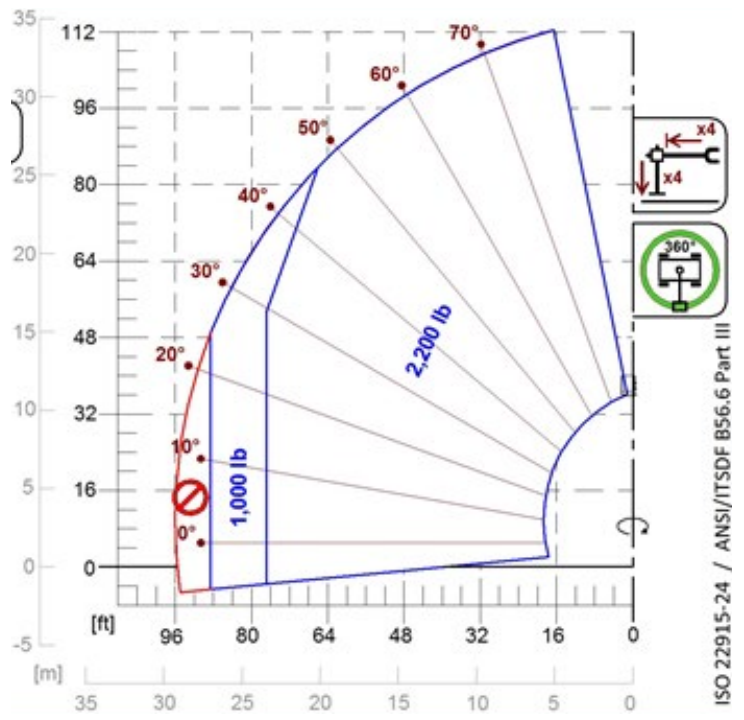


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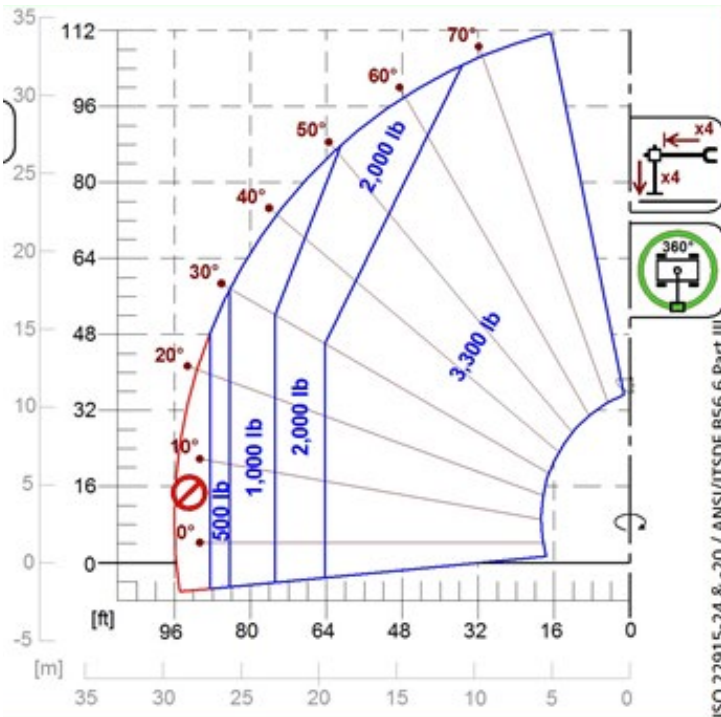
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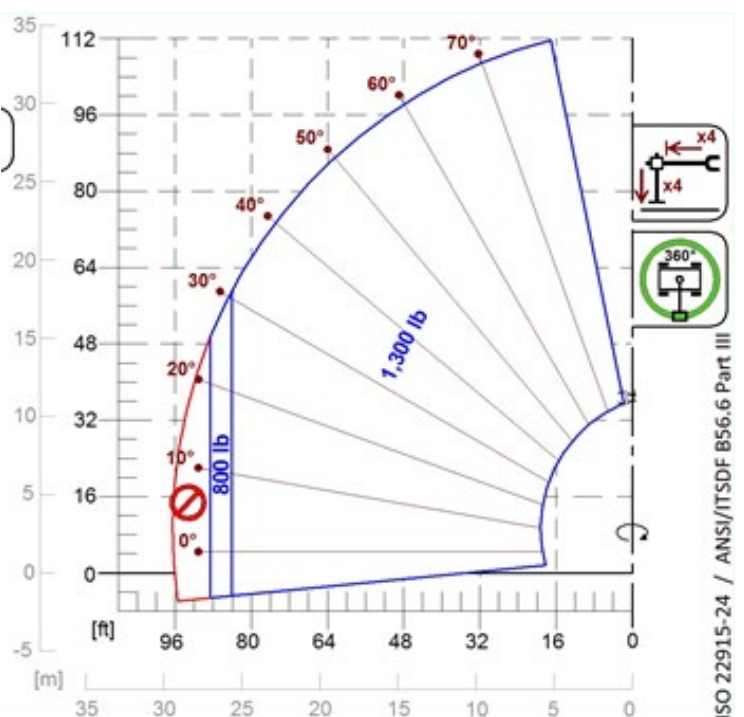
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A1900



A0844



A2210



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