


CBS28N

COUNTER BALANCE STACKER

SIDE-SHIFT OPTION: Allows load to be moved left and right without the need to move the whole truck itself, particularly useful when operating in tight environments

FEATURES: • AC Drive System • Walkie Platform with Foldable Safety Arms • Adjustable Forks • Key Switch, Emergency Switch and Battery Discharge Indicator • Tilt Function • Power Steering • Beverage Holder • Standard Battery Compartment Size • 24 Volt Electric System

The ECO CBS self-propelled stacker is designed to handle a wide variety of heavy-duty applications. Able to lift loads up to 2,800 lbs to a maximum height ranging from 118.1" - 177.1", this state-of-the-art stacker also extends loads to a maximum of 22.8".

2,800  lbs CAPACITY

Lift Heights	118.1"	141.7"	177.1"
Lowered Mast Hgt	82.7"	72.9"	85.5"
Raised Mast Hgt	152.1"	180.9"	212.4"
Free Lift	6"	49.6"	59.8"

- Load Capacity rating -	CAPACITY (lbs)	
	175	1,540
141	2,200	1,980
116	2,420	2,200
98	2,860	2,860
C (inches)		27.5"

*Side-Shift Option Capacity rated to 2,360 lbs

2,800 **lbs** CAPACITY  118.1" - 177.1" LIFT HGTS

SPECIFICATIONS • PERFORMANCE

CBS COUNTER BALANCE STACKER		2 STAGE MAST		
Model		CBS28-118	CBS28-141	CBS28-177
Capacity	lbs	2866		
Load Center	in	23.6		
Load Distance (center of drive axle to load wheel)	(x) in	15.3	14.9	
Wheelbase	(y) in	53.3		
Weight (with Battery)	lbs	4453.3	4927.3	5423.4
Axle Loading (Laden Front / Rear)	lbs	3483 / 3836	3703.8 / 4089.6	3902 / 4387
Axle Loading (Unladen Front / Rear)	lbs	3295 / 1157	3648 / 1278	4012 / 1411
Drive Wheel (Polyurethane)	in	9.1 dia. x 3		
Load Rollers (Polyurethane)	in	8.3 dia. x 3.3		
Stabilizer Wheels (Polyurethane)	in	5.9 dia. x 2.1		
Tread (Front)	(b10) in	24.4		
Tread (Rear)	(b11) in	39.1		
Lift Height	(h3) in	118.1	141.7	177.1
Lowered Mast Height	(h1) in	82.7	72.8	85.5
Raised Mast Height	(h4) in	152.1	180.9	212.4
Lowered Fork Height	(h13) in	2		
Free Lift	(h2) in	6	49.6	59.8
Fork Dimensions	(s/e/l) in	1.4 x 3.9 x 45.3		
Overall Fork Width (O.D.)	(b5) in	7.9 - 28.3		
Reach Distance	(l4) in	21.7	22.8	
Handle Height (in drive position min / max)	(h14) in	40.7 / 55.7		
Overall Length	(l1) in	90.2	94.5	
Overall Width	(b1) in	43.5		
Length (to Face of Forks)	(l2) in	44.9	49.2	
Ground Clearance (Center of Wheelbase)	(m2) in	2.3		
Turning Radius	(Wa) in	62.7	66.5	
Aisle Width (for pallets: 40" x 48")	(Ast) in	104.3	108.4	
Travel Speed (Laden / Un-laden)	mph	3.1 / 3.4		
Lifting Speed (Laden / Un-laden)	ft/h	167.3 / 240.1	216.5 / 324.8	
Lowering Speed (Laden / Un-laden)	ft/m	246.1 / 157.5	198.8 / 187	
Gradeability (Laden / Un-laden)	%	5 / 8		
Drive Motor Rating S2 60 min	HP	2.5 (AC)		
Lift Motor Rating at S3 4.5%	HP	3	4	
Battery Voltage / Nominal Capacity K5	V/Ah	24 / 270	24 / 400	
Sound Level (at driver's ear acc. to EN 12053)	dB(A)	67		

*Because of continual product improvements, specifications may be subject to change without notice

