

ACE

Counter Balance Stacker

Capacity : 0.5T/1.0T/1.5T/2.0T

ACE INDIA'S NO. 1
CRANE BRAND



TECHNICAL SPECIFICATIONS

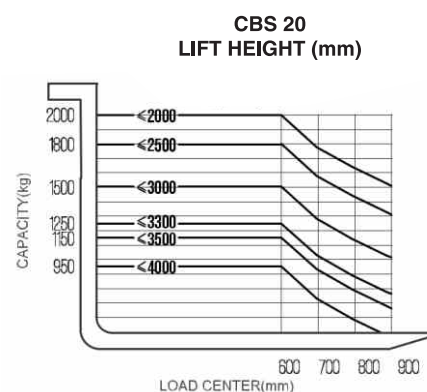
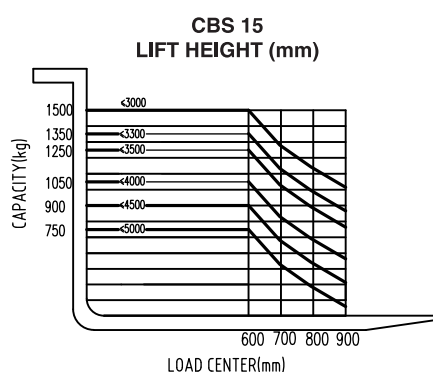
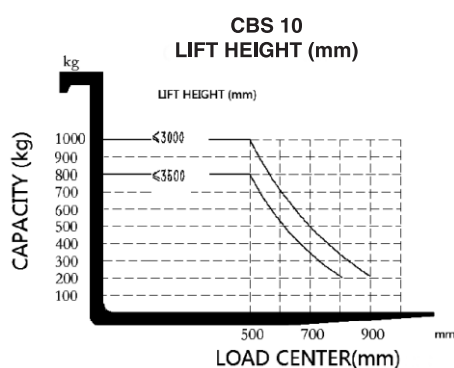
Properties	Description	Unit		Technical specifications			
Identification	Model			CBS 05	CBS 10	CBS 15	CBS 20
	Mast type			Duplex			
	Operation Type			Pedestrian	Stand-On		
	Type of Drive			Fully Electric			
	Steering Type			Mechanical			
	Capacity	Q	Kg	500	1000	1500	2000
	Lift Height	H3	mm	3000			
	Load Center	C	mm	600	500		
	Service Weight (apx.)		Kg	1050	1790	1920	2030
	Performance	Travel Speed (Laden/Unladen)		km/h	2.5/3.0	4/5.8	
Lift Speed (Laden/Unladen)			mm/s	145/80	80/110		108/147
Lower Speed(Laden/Unladen)			mm/s	75/105	120/140		145/80
Gradeability(Laden/Unladen)			%	NA	5/8		5/7
Service Brake				Electromagnetic			
Power	Drive Motor rating(S2-60 Min)		Kw	0.65 DC	1.5 AC		2.2 AC
	Lift Motor rating (S3-10%)		Kw	1	2		3
	Battery Voltage /Capacity		V/Ah	12/80 x 2	24/210		24v/225
	Battery Weight, Approx.	Kg		46	220		245
	Control System (CURTIS)			CURTIS			
Wheels	Wheel Type			Polyurethane			
	Size of Front Wheel	B2	mm	210	180		210
	Size of Drive Wheel	B4	mm	220	230		
	Wheel Base	Y	mm	785	1050	1450	1654
	Wheels Quantity		pcs	1/2			
Specifications	Lowered Height of Fork	B6	mm	70			
	Height of tiller arm in drive Position Min & Max	H2	mm	1020-1150	1100-1390		1030-1200
	Overall Width		mm	700	994		940
	Overall Length	L1	mm	1880	2560	2960	3540
	Fork Thickness		mm	35			40
	Fork Width		mm	100	120		
	Fork Length		mm	1070			
	Overall Fork width	H2	mm	160 -650	220-610		240-680
	Ground Clearance		mm	40	66		70
	Aisle Width(Pallets 1000x1200 mm)		mm	2500	2870	3250	3410
	Aisle Width(Pallets 800x1200 mm)		mm	2600	2980	3350	3440
	Lift Height		mm	3000			
	Lowered Mast Height		mm	2090	2010		2055
	Extended Mast Height		mm	3550	3900		3925
	Free Lift		mm	Nil			
	Min Turning Radius	Wa	mm	1150	1415	1820	1633

Optional Features

1. Power Steering System
2. Side Shifter
3. Fork Tilting
4. Customized Attachment
5. Protection Arm

MAST DETAILS FOR ELECTRIC COUNTER BALANCE STACKER (CBS MODEL)

Mast Type	Max. Fork Height(mm) h3	Load Capacity@MFH (Kgs)				Mast Lowered Height (mm) h1				Mast Extended Height (mm) h4				Free Lift Height (mm)			
		CBS 05	CBS 10	CBS 15	CBS 20	CBS 05	CBS 10	CBS 15	CBS 20	CBS 05	CBS 10	CBS 15	CBS 20	CBS 05	CBS 10	CBS 15	CBS 20
Duplex	1600	500	1000	1500	2000	2090	2090	2090	2140	2090	2500	2500	2500	—	—	—	—
	2500	400	1000	1500	2000	1750	1760	1760	1805	3050	3400	3400	3425	—	—	—	—
	3000	350	1000	1500	2000	2000	2010	2010	2055	3550	3900	3900	3925	—	—	—	—
	3500	—	800	1200	—	—	2260	2260	—	—	4400	4400	—	—	—	—	—
	4000	—	—	1050	—	—	—	2555	—	—	—	4925	—	—	—	—	—
Triplex	3700	—	—	1100	—	—	—	1780	—	—	—	4660	—	—	—	1262	—
	4000	—	—	1050	—	—	—	1880	—	—	—	4960	—	—	—	1362	—
	4300	—	—	1000	—	—	—	1980	—	—	—	5260	—	—	—	1430	—
	4500	—	—	900	—	—	—	2045	—	—	—	5460	—	—	—	1462	—
	4800	—	—	750	—	—	—	2145	—	—	—	5760	—	—	—	1530	—



Standard Features

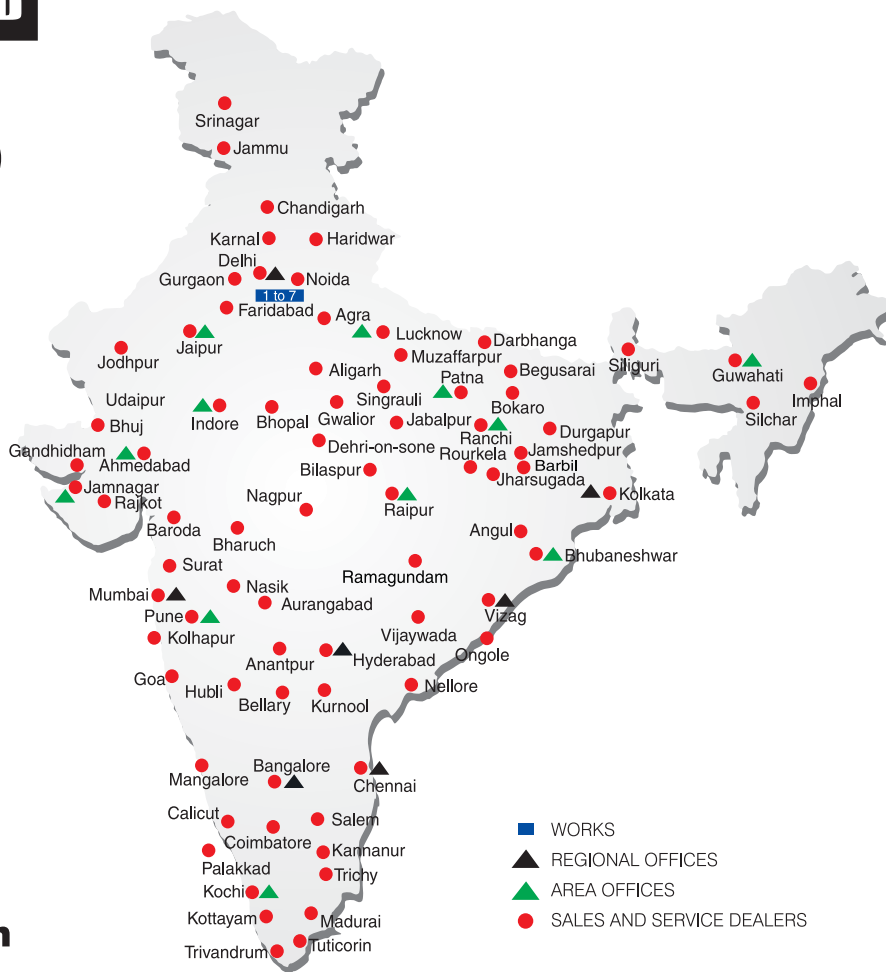
- **Mast** : Cold-drawn channel steel mast, detachable design, higher accuracy and better hardness, Clear view better vision for operator with innovative design of 3 stage mast. Special design on cylinder, auto-buffering to piston rods while closing so jerkless. 30% faster in fork falling, designed for saving your precious time.
- Three class speed while going down, more choices more efficiency.
- Full steel cover protects from scratches. Protects core parts.
- Laser cut all frame parts, high accuracy, neat and clean.
- Wider rider platform more space of standing, good set-up spring shock absorber, more comfort longer work life.
- Side slidable battery box easy battery removable replacement.
- Emergency reverse driving function, the emergency reverse button of the handle head can effectively avoid the driver being injured when driving backward in an emergency situation.
- Electromagnetic braking, fast braking, accurate positioning, safe and reliable.

BUILT TO PERFORM



**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
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Action Construction Equipment Ltd.

Contact:



ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by $\pm 10\%$. Accessories if shown are not part of the Standard Equipment.