



# SPECIFICATION

## MODEL B45

### 4 WHEEL BENDI

#### ELECTRIC MULTI-PURPOSE ARTICULATED FORKLIFT TRUCK



The Landoll Bendi B45 is a 4 wheel articulating forklift that maximizes cube utilization while providing front loader versatility. Increased productivity, operator comfort and safety are the primary benefits.

#### FEATURES

- 4,500lb./2,045kg capacity
- Lift heights to 360"/9.14M
- 78"/1.98M stacking aisle
- 12"(300mm) sidershifter and 36"(1060mm) high load backrest standard
- Dual inside/outside capability

#### DRIVE TRAIN

- Large diameter smooth rubber drive tires
- Polyurethane load tires
- 180° front-end articulation/steering
- Heavy duty dual rear wheel planetary drives
- Powerful drive and hydraulic motors

#### ELECTRICAL

- 48 volt system/12 volt lighting accessories
- Transistorized dual traction motor controllers
- Transistorized hydraulic motor controllers
- Battery discharge indicator with lift interrupt
- Lighting and alarm accessories available
- Provisions for RF terminals provided

#### ERGONOMICS & SAFETY

- Hydraulic power steering
- Comfortable seated operation with all truck controls within easy reach
- 4-post heavy-duty overhead guard
- Safety dead man seat switch
- Clear view 3 stage or 4 stage mast
- Key switch, horn, hourmeter, adjustable suspension seat and steering column, seatbelt, and arm rest standard.

#### ENGINEERING

- Forward and rearward mast tilt
- Heavy duty chassis design
- Rotation via dual taper roller bearings, with 3 year warranty on articulation
- Accepts class II attachments
- Easily accessible components for low cost maintenance



# BENDI B45 - 4,500 lbs (2,045 kg)

## Electric Multi-Purpose Articulated Forklift Truck

### TECHNICAL & DIMENSION DATA



Model			B45/48E-180D
Capacity		lbs/kg	4,500/2,045
Load center		in/mm	24/600
Power source			Battery, electric
Weight with battery		lbs/kg	14,350/6,522
Travel speed	Loaded	mph/kph	6/9.7
	Unloaded	mph/kph	6.5/10.5
Lift speed	Loaded	fpm/mpm	70/21
	Unloaded	fpm/mpm	90/27
Lowered Speed	Loaded	fpm/mpm	90/27
	Unloaded	fpm/mpm	60/18
Mast tilt	FWD/RWD	Deg./in/M	3/3 under 276/7.01
	FWD/RWD	Deg./in/M	1/3 over 276/7.01
Lost load center	a	in/mm	12/310
Wheelbase	b	in/mm	63/1600
Overall length to face of forks	c	in/mm	103/2620
Underclearance	d	in/mm	3/76
Cab floor height	e	in/mm	28/700
Seat height	f	in/mm	51/1295
Overhead guard height	g	in/mm	87/2209
Chassis width	h	in/mm	55/1397
Gradeability	Unloaded	%	15
	Loaded	%	15
Lift motor rating		kW	11
Steer motor rating		kW	4.2
Drive motor rating	Dual rear	kW	7.5 ea -15 total
Wheel sizes	Front (2 each)	in/mm	14x5/355x127
	Rear (2 each)	in/mm	18x8/457x203
Control type			Transistorized
Front articulation	m	Deg.	180

#### MAST DIMENSIONS 3 Stage Full Free Lift

Lift Height		Lowered Height		Free Lift	
Inches	Meters	Inches	Meters	Inches	Meters
188	4.78	83	2.11	61	1.55
198	5.03	87	2.21	65	1.65
216	5.49	95	2.41	73	1.85
224	5.69	98	2.49	74	1.88
240	6.10	106	2.69	82	2.08
258	6.55	115	2.92	91	2.31
276	7.01	122	3.10	98	2.49
294	7.47	128	3.25	104	2.64
312	7.92	132	3.35	108	2.74
322	8.18	137	3.48	113	2.87
360	9.14	156	3.96	132	3.35

#### MAST DIMENSIONS 4 Stage Full Free Lift

240	6.10	83	2.11	58	1.47
258	6.55	89	2.26	64	1.63
276	7.01	95	2.41	70	1.78
294	7.47	101	2.57	76	1.93
312	7.92	107	2.72	82	2.08

#### AISLE DIMENSIONS

LOAD DEPTH X WIDTH (j x i)	MINIMUM CLEAR AISLE (k)
40" x 48" (1,000 x 1,200 mm)	76" (1,930 mm)
48" x 40" (1,200 x 1,000 mm)	84" (2,133 mm)
MIN. CLEAR TRANSFER AISLE	108" (2,743 mm)

#### RECOMMENDED BATTERIES

Battery Designation: 24-85-19, 48 volt, 765 AHC (6 hour rate)

Nominal size: 25 15/16" x 44 9/16" x 22 5/8" (66 x 113 x 58 cm)

Truck compartment size: 26" x 44 3/4" x 23" (66 x 114 x 58 cm)

Battery weight min. 2,600 lbs (1181 kg) - max 3,100 lbs. (1409 kg)

Leads are at position A, 12" long, with SB 350 amp blue connector

