

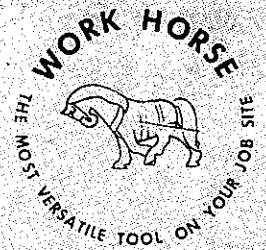
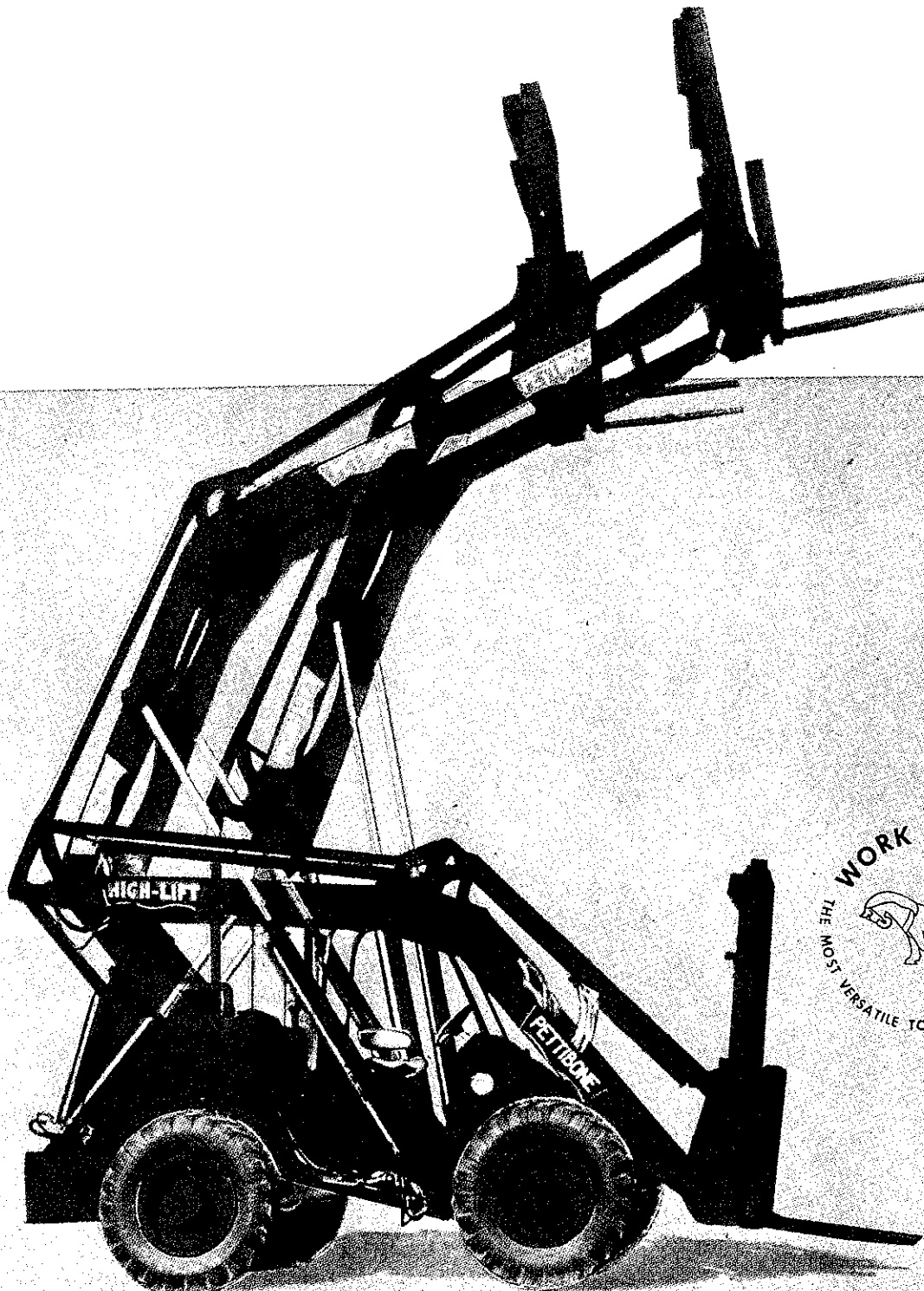
PETTIBONE

SUPER-8

SERIES

MODEL-8A

HIGH-LIFT



- 4 WHEEL DRIVE • 4 WHEEL POWER STEER • 4 WHEEL POWER BRAKES • 4 FT. FORWARD REACH AT ANY HEIGHT • SELF-LEVELING TILTING FORKS • FULL POSITIVE HYDRAULIC CONTROLS • PATENTED BALANCED WEIGHT DISTRIBUTION • HIGH FLOTATION TIRES — OPERATES OVER ROUGH TERRAIN

MODELS

<https://truckmanualshub.com/>

8-21

8-24

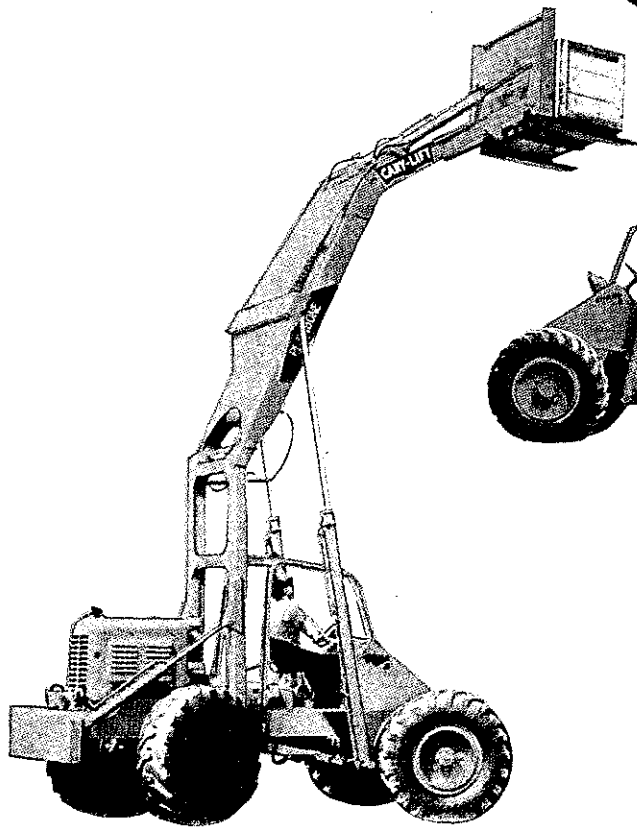
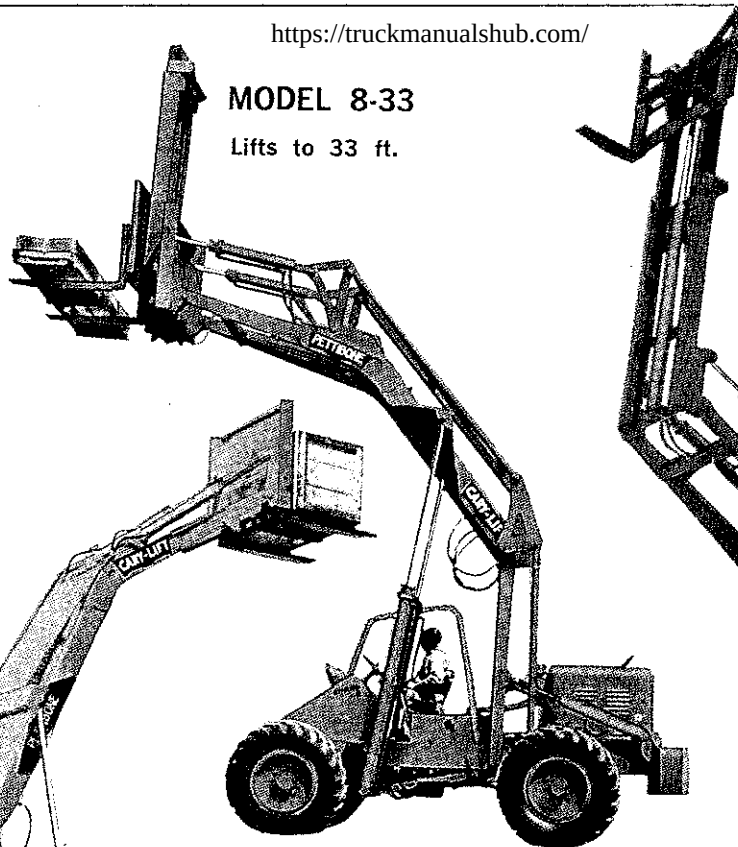
8-33

8-36

8-40

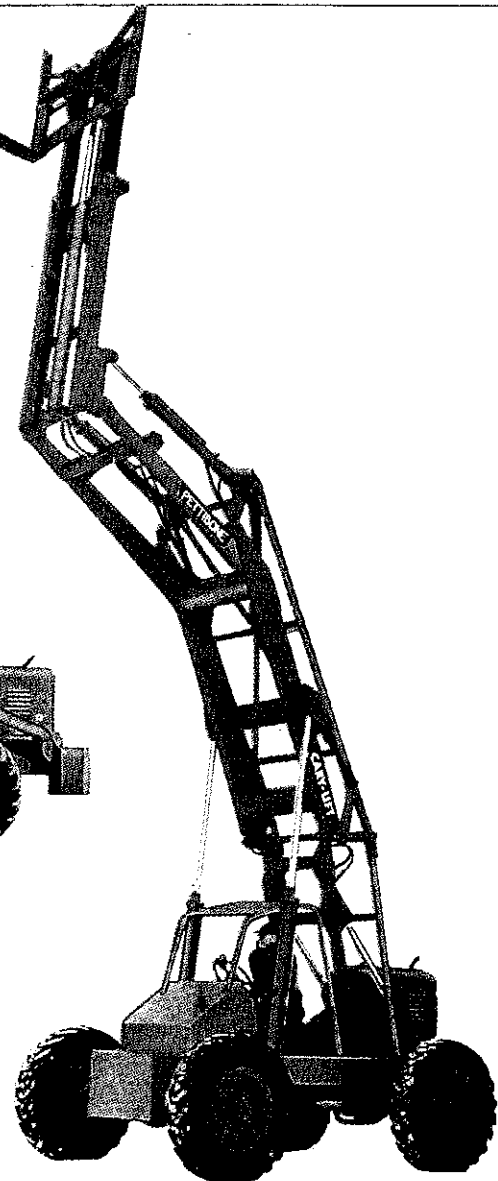
MODEL 8-33

Lifts to 33 ft.



MODEL 8-21

Lifts to 21 ft.

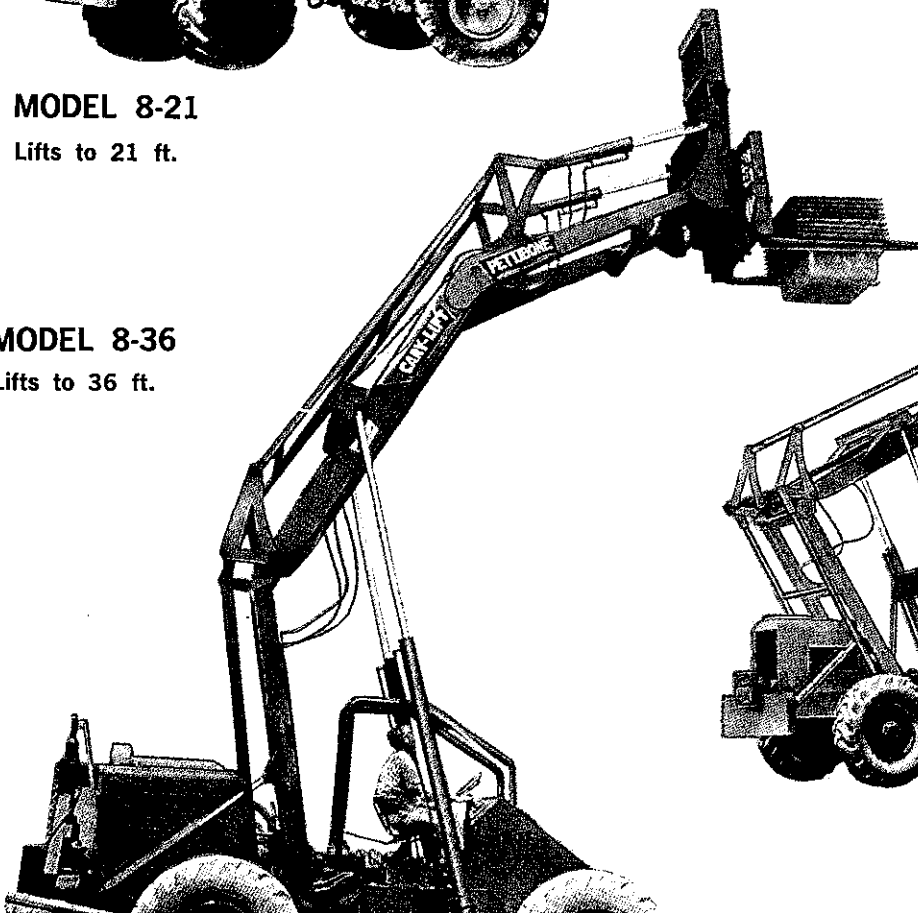


MODEL 8-40

Lifts to 40 ft.

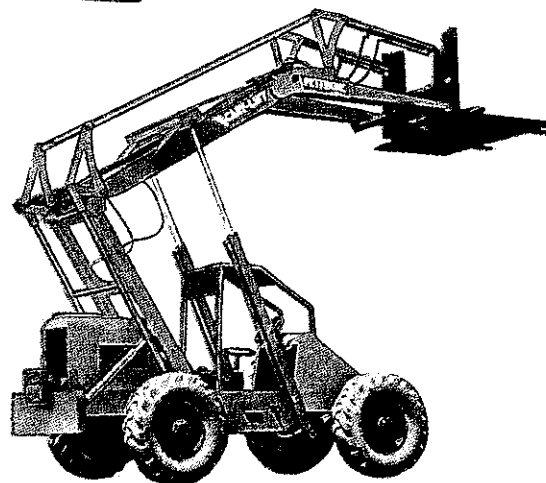
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Lifts to 36 ft.

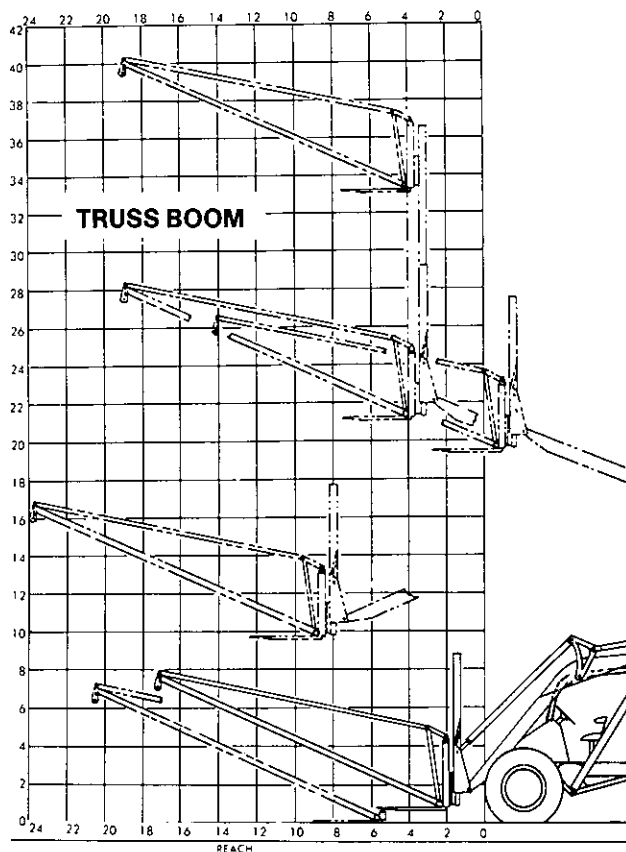
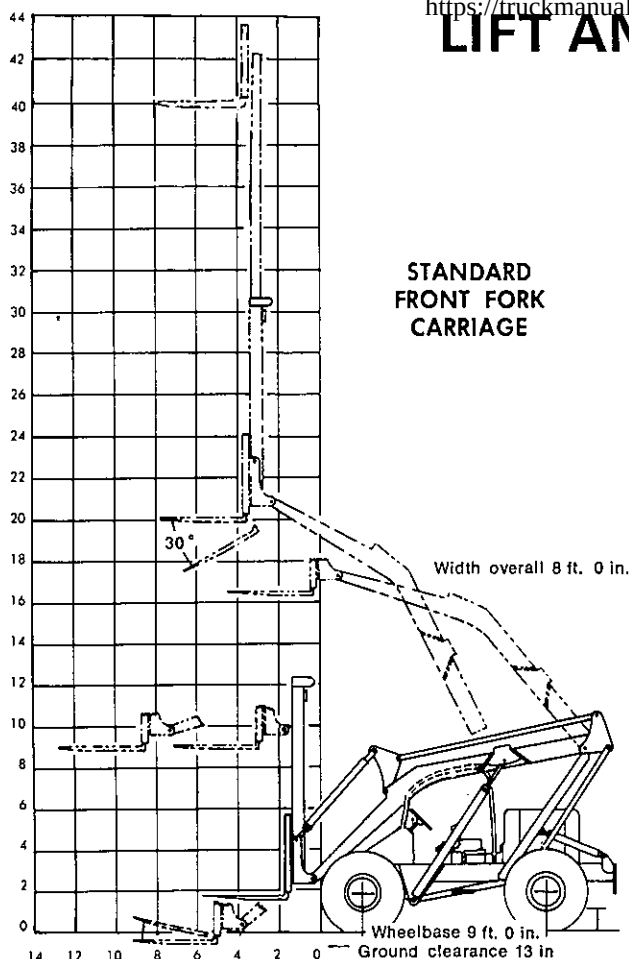


MODEL 8-24

Lifts to 24 ft.



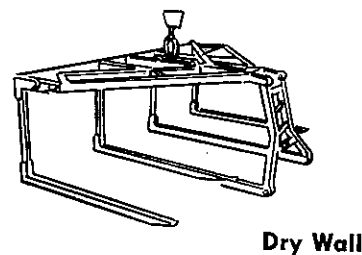
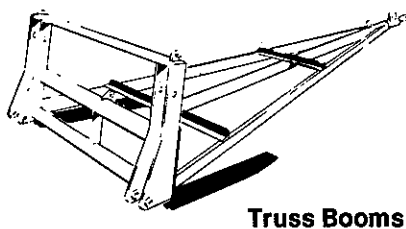
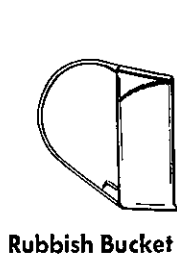
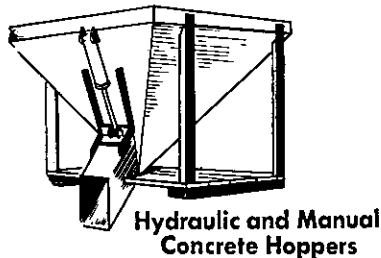
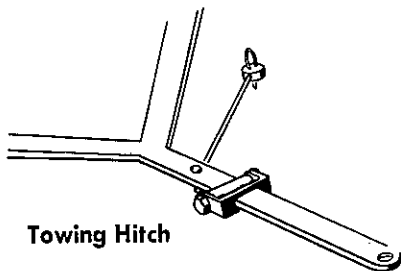
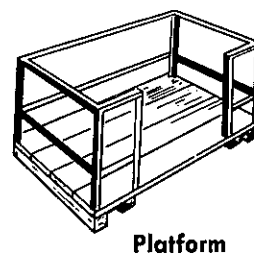
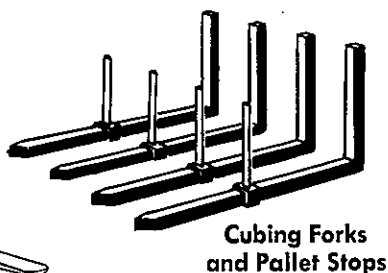
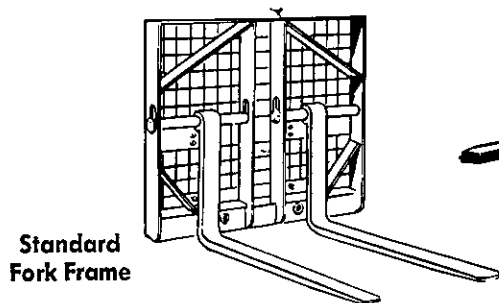
LIFT AND REACH CHARTS



DIMENSIONS ARE SHOWN WITH MODEL 8-33, BUT ARE APPLICABLE TO OTHER MODEL SUPER 8 HIGH - LIFTS

HIGH-LIFT CAPACITIES RANGE FROM 6,000 LBS. TO 8,000 LBS. LIFTS FROM 21 FT. TO 40 FT.

HIGH-LIFT ATTACHMENTS



For an unusual material handling problem please notify factory. Their trained engineers will solve your problem.

SPECIFICATIONS / SUPER-8

SERIES
MODEL-8A
HIGH-LIFT

	MODEL 8A-21	MODEL 8A-24	MODEL 8A-33	MODEL 8A-36	MODEL 8A-40
OVERALL MEASUREMENTS					
Height overall — at carrying position	11 ft. 6 in.	12 ft. 2 in.	11 ft. 6 in.	12 ft. 3 in.	12 ft. 2 in.
Width overall	8 ft. 0 in.	8 ft. 0 in.	8 ft. 0 in.	8 ft. 0 in.	8 ft. 0 in.
Length overall at carrying position	20 ft. 2 in.	20 ft. 0 in.	21 ft. 4 in.	21 ft. 8 in.	23 ft. 7 in.
Length overall at maximum reach	27 ft. 1 in.	27 ft. 0 in.	28 ft. 3 in.	28 ft. 4 in.	29 ft. 8 in.
Wheelbase	9 ft. 0 in.	9 ft. 0 in.	9 ft. 0 in.	9 ft. 0 in.	9 ft. 0 in.
Ground clearance	13 in.	13 in.	13 in.	13 in.	13 in.
WEIGHTS (Approximate)					
Total weight	18,900 lbs.	19,500 lbs.	22,390 lbs.	23,440 lbs.	26,440 lbs.
Weight on front axle	8,400 lbs.	8,700 lbs.	9,990 lbs.	11,130 lbs.	13,770 lbs.
Weight on rear axle	10,500 lbs.	10,800 lbs.	12,400 lbs.	12,310 lbs.	12,670 lbs.
REACH FROM TIRES WITH LIFT ARMS IN THE FOLLOWING POSITIONS					
Extended:	Height 9' 4" Reach 11' 9"	Height 11' 0" Reach 12' 2"	Height 9' 4" Reach 12' 11"	Height 9' 4" Reach 13' 0"	Height 11' 0" Reach 12' 6"
Forks parallel to ground	21' 0" 5' 5"	24' 0" 5' 11"	33' 0" 6' 7"	36' 0" 7' 7"	40' 0" 10' 6"
Retracted					
Forks parallel to ground at carrying position	58 in.	62 in.	72 in.	73 in.	77 in.
Forks parallel to ground at 9 ft. 0 in. height					
Spread of forks (outside edges)	48 in.	48 in.	48 in.	48 in.	48 in.
Length of forks	42 in.	42 in.	42 in.	42 in.	42 in.
Maximum raised height (forks level)	21 ft. 0 in.	24 ft. 0 in.	33 ft. 0 in.	36 ft. 0 in.	40 ft. 0 in.
DETAILS					
Maximum working load retracted					
Load center 24 in. from back of forks	8000 lbs. at 17'7" ht.	8000 lbs. at 21'2" ht.	6000 lbs. at 29'6" ht.	5000 lbs. at 33'6" ht.	6000 lbs. 18'6" ht.
Maximum working load extended					
Load center 24 in. from back of forks	4000 lbs. at 21' ht.	4000 lbs. at 24' ht.	4000 lbs. at 33' ht.	3500 lbs. at 36' ht.	3000 lbs. at 40' ht.
Maximum depth below ground level (forks parallel to ground)	6 in.	1 in.	3 in.	4 in.	2 in.
Turning radius: 4 wheel steer outside	16 ft. 0 in.	16 ft. 0 in.	16 ft. 0 in.	16 ft.0 in.	16 ft. 0 in.
HYDRAULIC CYLINDERS					
Function	Bore Stroke	Bore Stroke	Bore Stroke	Bore Stroke	Bore Stroke
Lift	4½ in. 72 in.	4½ in. 77 in.	4½ in. 72 in.	4½ in. 69¾ in.	4½ in. 72 in.
Reach	3½ in. 36 in.	3½ in. 36 in.	3½ in. 36 in.	3½ in. 36 in.	3½ in. 36 in.
Fork	4 in. 12 in.	4 in. 14½ in.	4 in. 12 in.	4 in. 12 in.	4 in. 12 in.
Steering	3½ in. 6½ in.	3½ in. 6½ in.	3½ in. 6½ in.	3½ in. 6½ in.	3½ in. 6½ in.
Tower			4½ in. 72 in.	5 in. 96 in.	5 in. 84 in.
WHEELS AND TIRES					
8:00 x 24 Interchangeable Wheels; 13:00 x 24 — 12 PR Interchangeable Tires					
POWER TRAIN					
Make	Model	Maximum H.P.	Piston Displacement	Bore & Stroke	No. of Cylinders
International Harvester	UB-240	83 at 2400 R.P.M.	240 cu. in.	3¾ x 4.018 in.	6
GM Diesel	3-53N	78 at 2400 R.P.M.	159 cu. in.	3¾ x 4½	3
Planetary Axles — Pettibone	PS-301				
Transmission System					
		Standard		Optional	
		4 speed transmission, Pettibone Model 260-A, Funk Revers-O-Matic		Model CRT 3331-1 Allison Powershift	
		Forward & Reverse		Forward & Reverse	
		First 2.1		low 2.2 mph	
		Second 4.6		intermediate 5.7 mph	
		Third 8.3		high 16.4 mph	
		Fourth 19.0			
Travel Speeds					
BRAKES					
4 Wheel Hydraulic, Vacuum Boosted; Mechanical Parking Brake.					
HYDRAULIC PUMP					
Gear Type					
Steering Pump					
			39 G.P.M. at 2400 R.P.M. and 1500 P.S.I.		
			13 G.P.M. at 2400 R.P.M. and 850 P.S.I.		

STANDARD EQUIPMENT

4 wheel drive; 4 foot forward reach; all hydraulic steering, 2 wheel—4—wheel—oblique; adjustable upholstered seat; foot throttle; alternator; starter; voltage regulator; battery; ammeter; oil pressure gauge; water temperature gauge; air cleaner; engine oil filter; hydraulic oil filter; exhaust muffler; automatic self leveling; battery box and cover; front fork carriage, 40" x 48"; hour meter; brake lock; level indicator; outriggers 8-40 only; operator's protective canopy; Funk Reversomatic with transmission-transfer case combination; sway control; back-up Alarm; seat belt.

ATTACHMENTS (Optional)

Slip-on buckets; Power shift transmission; high flotation tires; special tines; lights; enclosed cab; hydraulic and manual concrete hoppers; truss boom; work platform; towing hitch; cubing forks; pallet stops; rubbish bucket; balers; safety valves.