

Big John Tree Transplanter Mfg., Inc.

Truck Mounted Specifications

Specifications	Model 45	Model 55	Model 65	Model 80	Model 90
Nominal Tree Trunk Diameter	3" – 4"	5" – 6"	6" – 7"	8" – 10"	10" – 12"
Weight of Transplanter (App.)	5,200 lbs.	10,500 lbs.	11,000 lbs.	14,000 lbs	15,000 lbs
Height Closed for Transportation (App.)	11' 2"	11' 10"	12' 2"	13' 6"	13' 6"
Width Closed for Transportation	8"	8' 5.75"	8' 5.75"	8' 5.75"	8' 5.75"
Nominal Root Ball Width (Adjustable)	42"	52"	62"	80"	90"
Root Ball Depth (Adjustable)	38"	48"	53"	54"	60"
Root Ball Weight (Approximate)	1,500 lbs.	3,600 lbs.	4,300 lbs.	8,500 lbs	11,800 lbs.
Water Tank Capacity	100 gallons	400 gallons	400 gallons	400 gallons	400 gallons
Oil Reservoir Capacity	25 gallons	45 gallons	45 gallons	45 gallons	45 gallons
Preset Hydraulic Pressure Relief	2500 psi	2500 psi	2500 psi	3000 psi	3000 psi
Hydraulic GPM Rating (gal. Per min.)	12-15 GPM	20-22 GPM	20-22 GPM	20-22 GPM	20-22 GPM
Single Axle Truck Length (cab to axle)	84"	102" – 126"	N/A	N/A	N/A
Tandem Axle Truck Length (cab to trunnion)	N/A	120"	120"	156" – 186"	156" – 186"

Model 100 Specification

Weight	21,000 lbs. (Machine, Water Tank and Oil)
Height (Transport Pos.)	13' 5" (varies with truck suspensions)
Height (Dig position)	134"
Gate opening	73"
Width (Transport Pos.)	101 ¾"
Width (Dig Position)	154"
Root Ball Depth	68"

BIG JOHN recommends a “pusher” axle with the Model 100. A detachable “drag” axle or “tag” is also an option. Discuss your suspension and weight options and limitations with your BIG JOHN sales representative.

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Loader Mounted Transplanters

Specifications	Model 42	Model 52	Model 62	Model 80	Model 90
Tree Trunk Diameter	3" - 4"	5" - 6"	6" - 7"	8" - 10"	10" - 12"
Root Ball Width (Adjustable)	42"	52"	62"	80"	90"
Root Ball Depth (Adjustable)	38"	48"	53"	54"	60"
Root Ball Weight (Approx.)	1,500 lbs.	3,600 lbs	4,300 lbs.	8,500 lbs.	11,800 lbs.
Total Machine Weight	2,500 lbs	4,700 lbs	5,200 lbs.	8,500 lbs.	9,500 lbs.
Blade Tower Height (Down)	60"	80"	84.5"	99"	104"
Gate Opening	25"	30"	40"	72"	72"
Operating Width (Closed)	64"	89"	92"	97"	99"
Number of Spades	4	4	4	4	4
Hydraulic Gate Lock	Yes	Yes	Yes	Yes	Yes
Adjustable Hydraulic Pads	N/A	Yes	Yes	Yes	Yes
Adjustable Mechanical Pads	N/A	Yes	Yes	Yes	Yes
Spade Material	AR 400	AR 400	AR 400	AR 400	AR 400
Drive System (Min. GPM)	10 - 16	20	20	20	20

Model 100 Specifications

Weight	11,500 lbs.
Gate opening	73"
Height (in dig position)	134"
Width (in dig position)	154"
Root Ball Depth	68"

*This unit necessitates the use of the 8 section Electro-servo valve bank.
Discuss pricing with your sales representative.

The host vehicle for this loader mounted unit will need to be able to lift a minimum of a 25,000 lb. Load.

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Trailer Mounted Transplanters

Specification	Model 45T	Model 55T	Model 65T
Trailer Length	220/172"	236"	236"
Trailer Width	93"	96"	96"
Tree Trunk Diameter	3" – 4"	4" – 5"	6" – 7"
Root Ball Width	42"	52"	62"
Root Ball Depth	38"	48"	53"
Root Ball Weight	1,500 lbs.	3,600 lbs.	4,300 lbs.
Total Machine Weight	5,800 lbs.	10,500 lbs.	11,000 lbs.
Transport Height	9' 8"	11'	11' 6"
Blade Tower Ht. (down)	60"	80"	86"
Gate Opening	24"	30"	40"
Operating Width (closed)	64"	89"	92"
Number of Spades	4	4	4
Hydraulic Gate Lock	Yes	Yes	Yes
Hydraulic Tongue	Yes	Yes	Yes
Tongue Swivel (left)	24°	23°	23°
Tongue Swivel (right)	43°	34°	34°
Hydraulic Jack Stand	Yes	Yes	Yes
Adjust. Hydraulic Pads	N/A	Yes	Yes
Adjust. Mechanical Pads	Yes	N/A	N/A
Spade Material	AR 400	AR 400	AR 400
Axle Rating/Front (lbs.)	10,000	10,000	10,000
Axle Rating/Rear (lbs.)	N/A	10,000	10,000
Engine	Gas 18 hp Diesel 11.5 hp	Diesel 21 hp	Diesel 21 hp
Electric Brakes	Yes	Yes	Yes
Tire Size	12 x 16.5	12 x 16.5	12 x 16.5
Hydraulic Stabilizers	Yes	Yes	Yes
Water Tank Capacity	45 gallons	55 gallons	55 gallons
Water Pump	12-Volt	12-Volt	12-Volt
Electric Start	Yes	Yes	Yes
Hydraulic Oil Reservoir	21 gallons	45 gallons	45 gallons