

BIG JOHN

TREE TRANSPLANTER MFG., INC.



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HEBER SPRINGS, ARK.

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Model 45D Truck Mount



The Model 45D is one of the most durable and functional machines BIG JOHN has to offer. Used by nurseries, landscapers and tree moving professionals. Whether you're "Balling & Burlapping" or "Digging & Delivering", the appeal of the M45D is in its compact yet sturdy design and its array of allied components. The 4 or 8 pod trailers along with the freestanding pod make this unit extremely flexible.



Machine Specifications

- Tree Trunk Diameter: 3"-4"
- Machine Weight: 5,200 lbs.
- Machine Height: 7'
- Transport Height (on truck): ca. 11' 2"
- Root Ball Weight: 1,500 lbs.
- Root Ball Size (Diameter): 42"
- Root Ball Depth (adjustable): 38"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3000psi of hydraulic pressure at 20gpm of flow.

Model 45 Pod Trailers



We have pod trailers and free standing pods to help you work smarter and more efficiently. There are Mod 45 Pod Trailers available for transporting 1, 2, 4, 6 or 8 trees in one haul. By using pod trailers and moving multiple trees in one trip, you save time, fuel and wear and tear of your tree transplanting equipment.

See additional spec sheet for truck requirements.

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Truck Specifications for Model 45D



1. The Model 45 has an 84" Cab to Axle minimum.
- Many of the trucks in the 1-ton classification necessitate the use of an under hood or other special application "Wet Kits", be sure to discuss this with your sales representative when considering trucks.
 - The most popular trucks for this application are the F-450 Ford 4x4 and the Chevy or GMC 3500HD.

Note: Be aware of the location of fuel cells. Some 1-Ton Chassis trucks have a fuel cell aft of rear axle. This cell interferes with the mounting of tree spade and must be replaced. Contact your DDI representative for more details.

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Model 55D Truck Mount



The Model 55 is arguably the toughest machine we build. Built with all the rugged characteristics of the larger spades, the Model 55D works great on a class 7 single axle truck. What this means to you is that you can move 5 to 6 inch caliper trees on a truck that is highly maneuverable and able to get into those tight places. Also, you can operate the smaller chassis without a CDL. It's simple, rugged, and dependable.



Machine Specifications

- Tree Trunk Diameter: 5"-6"
- Machine Weight: 10,500lbs.
- Machine Height: 9'6"
- Transport Height (on truck): ca. 11' 10"
- Root Ball Weight: 3,600lbs.
- Root Ball Size (Diameter): 52"
- Root Ball Depth (adjustable): 48"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3000psi of hydraulic pressure at 20gpm of flow.

Model 55 Pod Trailers



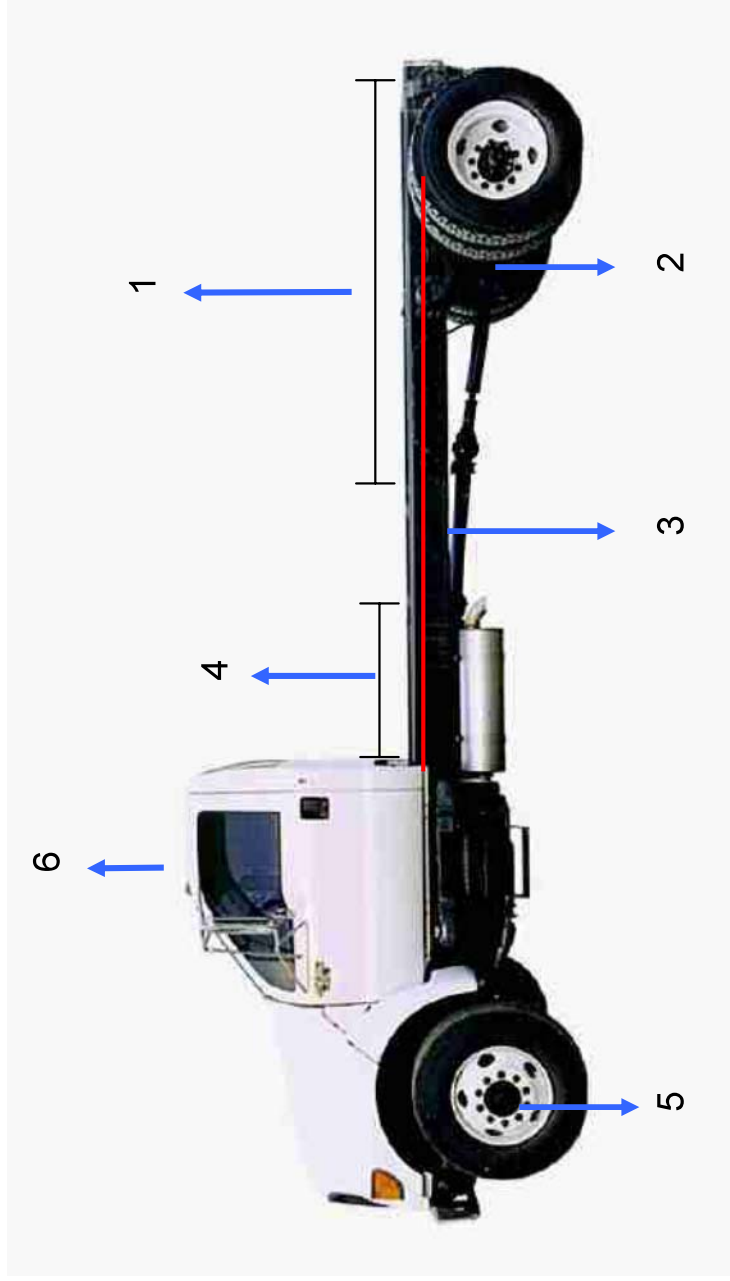
We have pod trailers and free standing pods to help you work smarter and more efficiently. There are Mod 55 Pod Trailers available for transporting 1, 2 or 3 trees in one haul, with or without a front dolly. By using pod trailers and moving multiple trees in one trip, you save time, fuel and wear and tear of your tree transplanting equipment.

See additional spec sheet for truck requirements.

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Truck Specifications for Model 55D



1. The Model 55 utilizes **114"** of frame from the end of the truck going forward.
2. Most Model 55's are mounted single axle trucks with a rear axle rating of **19,500 lbs.**
3. The Red Line denotes Cab to Axle measurement or CA. The Model 55 requires a minimum CA of **132"**
4. The 400gal Water Tank utilizes **49"** of space behind the cab.
5. We recommend a minimum **7,000lb** Front axle.
6. Remember to keep cab height in mind when looking for trucks. Generally, lower cabs are preferred to minimize the crown of the tree contacting the cab of the truck. Relocating air horns and lights from the cab top is advisable.

Note: Anything that sticks up above frame height can interfere with the mounting of the tree transplanter or one of its allied components. Be aware of exhaust components that may need to be moved. Also, air horns on the cab add unnecessary height, consider having these relocated.

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Model 65D Truck Mount



The Model 65 is one of our most requested and most versatile sized transplanters. It is capable of moving up to 7" caliper trees. Built to withstand the rigors inherent in all areas of tree moving; from B & B (balled and burlapped) operations to on site high volume jobs. The newest machines from BIG JOHN, the "D" series, are equipped with innovations that we've developed over the past 30 years. These innovations include Mechanical Blade Adjusters, Nyla-tron Wear Items and Hydraulic Transport locks. We've also increased the down pressure, improved our Water Tank and Oil Reservoir systems.



Machine Specifications

- Tree Trunk Diameter: 6"-7"
- Machine Weight: 11,000lbs.
- Machine Height: 10'6"
- Transport Height (on truck): ca. 12' 2"
- Root Ball Weight: 4,300lbs.
- Root Ball Size (Diameter): 62"
- Root Ball Depth (adjustable): 53"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3000psi of hydraulic pressure at 20gpm of flow.

Model 65 Pod Trailers



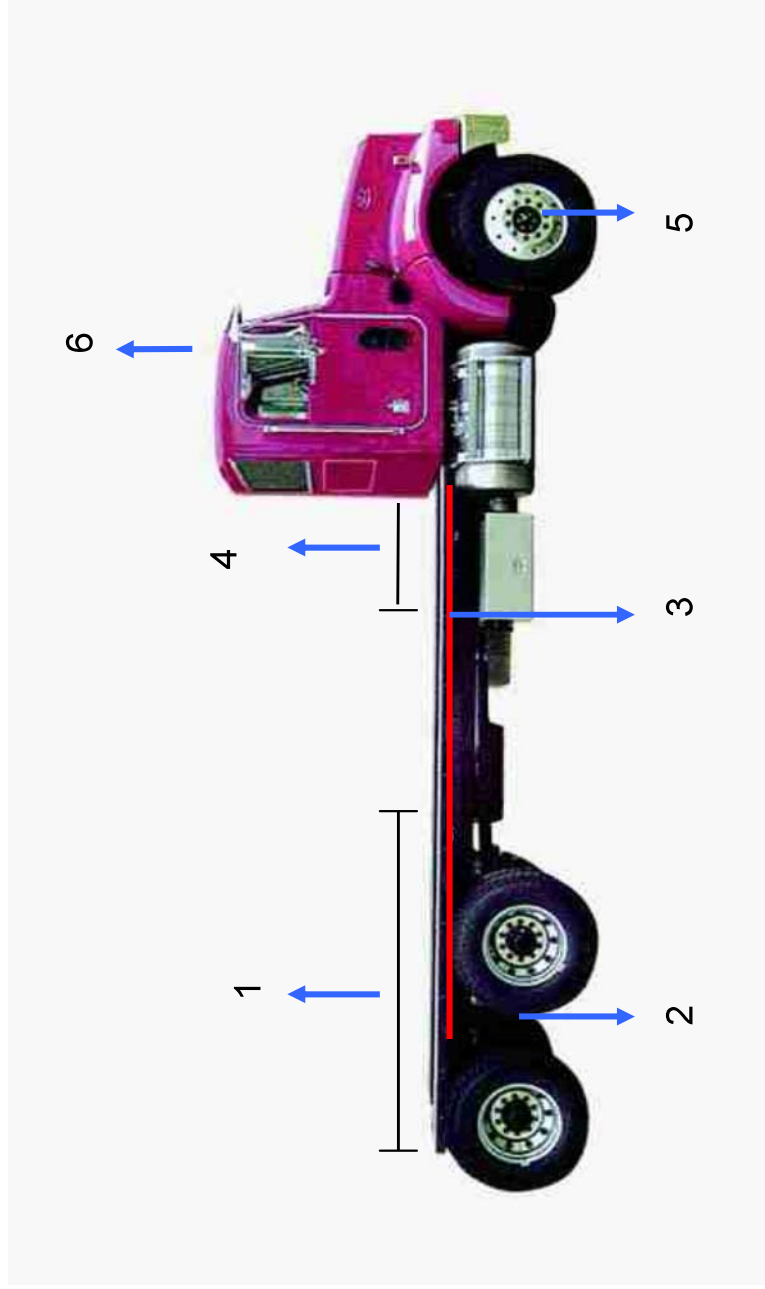
We have pod trailers and free standing pods to help you work smarter and more efficiently. There are Mod 65 Pod Trailers available for transporting 1, 2 or 3 trees in one haul, with or without a front dolly. By using pod trailers and moving multiple trees in one trip, you save time, fuel and wear and tear of your tree transplanting equipment.

See additional spec sheet for truck requirements.

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Truck Specifications for Model 65D



1. The Model 65 utilizes **114"** of frame from the end of the truck going forward.
2. Most Model 65's are mounted on trucks with a Tandem axle rating of **34,000lb** (rear axles combined). **BIG JOHN** recommends that you not mount the M65 on single axle.
3. The Red Line denotes Cab to Trunnion measurement or CT. The Model 65 requires a minimum CT of **120"**
4. The 400gal Water Tank utilizes **49"** of space behind the cab.
5. We recommend a minimum of **10,000lb** front axle.
6. Remember to keep cab height in mind when looking for trucks. Generally, lower cabs are preferred to minimize the crown of the tree contacting the cab of the truck. Relocating air horns and lights from the cab top is advisable.

Note: Anything that sticks up above frame height can interfere with the mounting of the tree transplanter or one of its allied components. Be aware of exhaust components that may need to be moved. Also, air horns on the cab add unnecessary height, consider having these relocated.

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Model 80D Truck Mount



BIG JOHN Tree Transplanter Mfg., Inc. has been building the Model 80 since 1983. It's the "original" large tree transplanter. It is a fully contained, one-operator system that is built to perform. The newest machines from BIG JOHN, the "D" series, are equipped with innovations that we've developed over the past 30 years. These innovations include Mechanical Blade Adjusters, Nyla-tron Wear Items, Hydraulic Transport locks and blade steel formulated exclusively for BIG JOHN. We've also increased the down pressure, improved our Water Tank and Oil Reservoir systems.



The Model 80D is the machine of choice for some of our most loyal, long term customers. Built originally as the Model 78, the new Model 80D is equipped with all of the improvements and upgrades of the "D" series.

Machine Specifications

- **Tree Trunk Diameter:** 8"-10"
- **Machine Weight:** 14,000lbs.
- **Machine Height:** 10'6"
- **Transport Height (on truck):** ca. 13' 6"
- **Root Ball Weight:** 8,500lbs.
- **Root Ball Size (Diameter):** 80"
- **Root Ball Depth (adjustable):** 54"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3000psi of hydraulic pressure at 20gpm of flow.

Model 80 Pod Trailers



We have pod trailers and free standing pods to help you work smarter and more efficiently. There are Mod 80 Pod Trailers available for transporting 1, 2 or three trees in one haul, with or without a front dolly. By using pod trailers and moving multiple trees in one trip, you save time, fuel and wear and tear of your tree transplanting equipment.

See additional spec sheet for truck requirements.

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Model 90D Truck Mount



BIG JOHN Tree Transplanter Mfg., Inc. has been building the Model 90 since 1983. It's the most popular large tree transplanter in the world. It is a fully contained, one-operator system that is built to perform. The newest machines from BIG JOHN, the "D" series, are equipped with innovations that we've developed over the past 30 years. These innovations include Mechanical Blade Adjusters, Nyla-tron Wear Items and Hydraulic Transport locks. We've also increased the down pressure, improved our Water Tank and Oil Reservoir systems.



The Model 90D is the largest production tree transplanter that can travel on the US roads and stay within the legal weight, height and width limits. Please check these limits in the destination country.

Machine Specifications

- Tree Trunk Diameter: 10"-12"
- Machine Weight: 15,000lbs.
- Machine Height: 11'
- Transport Height (on truck): ca. 13' 6"
- Root Ball Weight: 11,800lbs.
- Root Ball Size (Diameter): 90"
- Root Ball Depth: 60"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3000psi of hydraulic pressure at 20gpm of flow.

Model 90 Pod Trailers



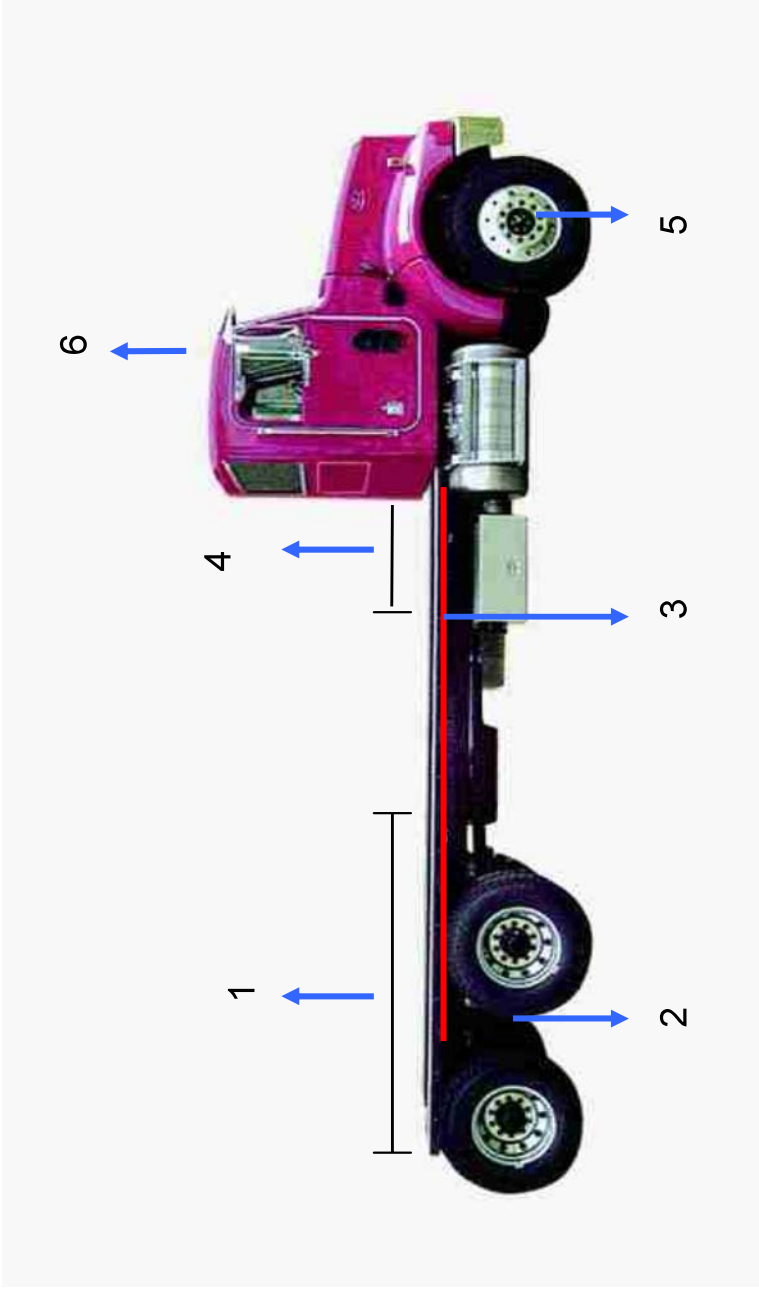
We have pod trailers and free standing pods to help you work smarter and more efficiently. There are Mod 90 Pod Trailers available for transporting 1, 2 or three trees in one haul, with or without a front dolly. By using pod trailers and moving multiple trees in one trip, you save time, fuel and wear and tear of your tree transplanting equipment.

See additional spec sheet for truck requirements.

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Truck Specifications for Model 80D/90D



1. Models 80 and 90 utilize **132"** of frame from the end of the truck going forward.
2. A rear tandem GVW Rating of at least **40,000lbs** is recommended for both Model 80 and Model 90. Most trucks are fitted with **44,000lb** rears.
3. The Red Line denotes Cab to Trunnion measurement or CT. Model 80 and Model 90 require a minimum CT of **156"**
4. The 400gal Water Tank utilizes **49"** of space behind the cab.
5. We recommend a minimum of **12,000lbs** for Model 80 and Model 90.
6. Remember to keep cab height in mind when looking for trucks. Generally, lower cabs are preferred to minimize the crown of the tree contacting the cab of the truck. Relocating air horns and lights from the cab top is advisable.

Note: Anything that sticks up above frame height can interfere with the mounting of the tree transplanter or one of its allied components. Be aware of exhaust components that may need to be moved. Also, air horns on the cab add unnecessary height, consider having these relocated.

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Model 100D Truck Mount



BIG JOHN Tree Transplanter Mfg., Inc. has designed and built the Model 100 for the Professional Tree Mover. It's the biggest and best production tree transplanter available anywhere at any price. Move larger trees; move throughout the "off season".



The Model 100D is the largest production tree transplanter made by Big John. It picks up a root ball that weighs approx. 45% more than the one handled by Model 90D. A special road permit may be required for travel on public roads. Please check respective requirements in the destination country.

Machine Specifications

- **Tree Trunk Diameter:** 12"-14"
- **Machine Weight:** 21,000lbs.
- **Machine Height:** 11'
- **Transport Height (on truck):** ca. 13' 6"
- **Root Ball Weight:** 15,000 – 18,000lbs.
- **Root Ball Size (Diameter):** 100"
- **Root Ball Depth:** 68"

All of our truck mounted machines come standard with 400-gallon water tanks and 45-gallon oil reservoirs. Machines are set to operate at 3500psi of hydraulic pressure at 20gpm of flow.

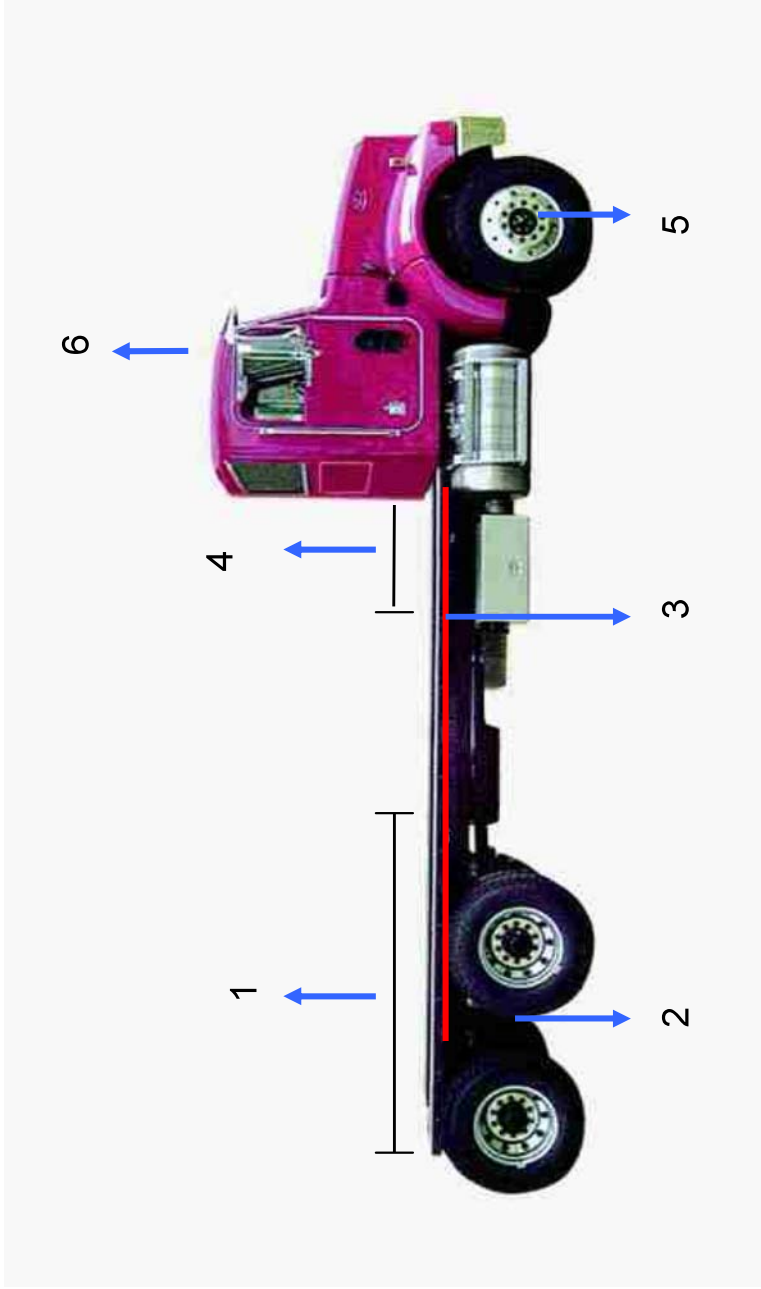


See additional spec sheet for truck requirements.

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Truck Specifications for Model 100D



1. The Models 100 utilizes **132"** of frame from the end of the truck going forward.
2. For the Model 100 we recommend a rear tandem GVW Rating of at **44,000lbs** . Most trucks are fitted with **44,000lb** rear dual axles.
3. The Red Line denotes Cab to Trunnion measurement or CT. Model 100 requires a minimum CT of **168"**
4. The 400gal Water Tank utilizes **49"** of space behind the cab.
5. We recommend a front axle suspension rating of at least **12,000lbs** for the Model 100.
6. Remember to keep cab height in mind when looking for trucks. Generally, lower cabs are preferred to minimize the crown of the tree contacting the cab of the truck. Relocating air horns and lights from the cab top is advisable.

Note: Anything that sticks up above frame height can interfere with the mounting of the tree transplanter or one of its allied components. Be aware of exhaust components that may need to be moved. Also, air horns on the cab add unnecessary height, consider having these relocated. Also, we recommend an air assisted pusher axle on trucks that carry the Model 100(not shown).

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Truck Mounted Transplanters



Model 45D



Model 55D



Model 65D



Model 80D



Model 90D



Model 100D

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Truck Mounted Transplanter Specifications

Specifications	Model 42D	Model 52D	Model 65D	Model 80D	Model 90D
Tree Trunk Diameter	3" – 4"	5" – 6"	6" – 7"	8" – 10"	10" – 12"
Weight of Transplanter (Approx.)	5,200 lbs.	10,500 lbs.	11,000 lbs.	14,000 lbs.	15,000 lbs.
Height Closed for Transportation (Approx.)	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"
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.
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 – 22GPM	20 – 22GPM	20 – 22GPM	20 – 22GPM
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 Specifications

Weight: 21,000 lbs. (Machine, Water Tank & Oil)
 Height (Transport pos.): 13' 5" (varies with truck suspensions)
 Height (Dig position): 134"
 Gate Opening: 73"
 Width (Transport position): 101 ¾"
 Width (in dig position): 154"
 Root Ball Depth: 68"

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BIG JOHN
TREE TRANSPLANTER MFG., INC.



Loader Mounted Transplanters



Model 42DL



Model 52DL



Model 62DL



Model 80DL



Model 90DL



Model 100DL

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Loader Mounted Transplanter Specifications

Specifications	Model 42DL	Model 52DL	Model 62DL	Model 80DL	Model 90DL
Tree Trunk Diameter	3" – 4"	5" – 6"	6" – 7"	8" – 10"	10" – 12"
Rootball 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 Model 100 necessitates the use of 8 section Electro-servo valve bank.
- The host vehicle for the Model 100 loader mounted unit will need to be able to lift a minimum of a 25,000 lb, load.

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Trailer Mounted Transplanter Specifications



Model 45T



Model 55T



Model 65T

Specifications	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
Adj. Hydraulic Pads	N/A	Yes	Yes
Adj. 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
Electric Start	Yes	Yes	Yes
Hydraulic Oil Reservoir	21 gallons	45 gallons	45 gallons

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