**Truck Mounted Tree Spades**

Efficiency and reliability are priorities in tree farming and forestry. After all, one wrong move or delay can mean losing a tree and sometimes risking its entire life cycle. That’s where our truck-mounted tree spades come into play.

Big John Manufacturing understands these challenges and offers a solution that fits your needs perfectly. Our truck-mounted spades are meticulously designed with over 40 years of industry expertise, delivering solid performance tailored to your operations. Explore what we have to offer!

**Transform Your Operations with Truck Mounted Spades**

Enhance your tree transplanting efficiency with our truck-mounted spade options. Each model is equipped with features that streamline the process, including:

* Stabilizing Pads
* Large Water Tank & Hose Attachment
* Internal Leveling Pads
* Heavy Duty Gate Hinges
* Heavy Duty Blade Edges
* Easy to Use and Maintain
* Durable Slide Blocks
* Climbable Towers

**45D**

7,5 – 10 cm Trees

Compact and Sturdy

The BIG JOHN Model 45D truck-mounted tree spade is used by nurseries, landscapers, and tree-moving professionals. The 45D gets the job done. Whether you’re B&B’ing or what we call “Dig & Delivering”, the appeal of the M45D is in its compact yet sturdy design and perfect for moving 7,5 – 10 cm caliper trees.

The Model 45D comes standard with a 473 litres water tank and 94 litres hydraulic oil reservoir.

| **45D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 7,5 – 10 cm |
| Weight of Transplanter | 2630 kg |
| Height Closed (for Transportation, approx.) | 341 cm |
| Width Closed (for Transportation, approx.) | 143 cm |
| Nominal Root Ball Width (Adjustable) | 106 cm |
| Root Ball Depth (approx.) | 96 cm |
| Root Ball Weight (approx.) | 680 kg |
| Hydraulic Pressure Relief (Preset) | 2,500 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 12 – 15 GPM / 45 – 56 LPM |
| Single Axle Truck Length | 213 cm |
| Minimum HP | 250 |

**55D**

12,5 – 15 cm Trees

The Model 55D is built with all the rugged characteristics of the larger spades and works great on class 7 single-axle trucks.

You can move 12,5 – 15 cm 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.

The Model 55D comes standard with a 1514 L water tank and 170 L oil reservoir. This model operates at 3000psi of hydraulic pressure at 75 LPM of flow.

| **55D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 12,5 – 15 cm |
| Weight of Transplanter | 5560 kg |
| Height Closed (for Transportation, approx.) | 338 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 132 cm |
| Root Ball Depth (approx.) | 121 cm |
| Root Ball Weight (approx.) | 1632 kg |
| Hydraulic Pressure Relief (Preset) | 3,000 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 LPM / 75 – 83 LPM |
| Tandem Axle Truck Length | 304 cm |

**65D**

15 – 17,5 cm Trees

One of our most requested and most versatile-sized transplanters, the Model 65, is capable of moving up to 17,5 cm caliper trees and is durable and operator friendly.

Built to withstand rigorous tree moving conditions; from B & B operations to on-site, high-volume jobs; the Model 65 could be the perfect machine for your application.

The Model 65D comes standard with a 1514 L water tank and 170 L oil reservoir. This model operates at 3000psi of hydraulic pressure at 75 LPM of flow.

| **65D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 15 – 17,5 cm |
| Weight of Transplanter | 5787 kg |
| Height Closed (for Transportation, approx.) | 371 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 157 cm |
| Root Ball Depth (approx.) | 134 cm |
| Root Ball Weight (approx.) | 1950 kg |
| Hydraulic Pressure Relief (Preset) | 3,000 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 GPM / 75 – 83 LPM |
| Tandem Axle Truck Length | 304 cm |

**80D**

Up to 25 cm Trees

BIG JOHN 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 and is the machine of choice for some of our most loyal, long-term customers. The tree spade truck is built to tackle big jobs with ease.

The Model 80D comes standard with a 1514 L water tank and 170 L oil reservoir. This model operates at 3000psi of hydraulic pressure at 20gpm of flow. Made with AR550 standard spade material and can handle tree trunks up to 25 cm in diameter.

| **80D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | Up to 25 cm |
| Weight of Transplanter | 7148 kg |
| Height Closed (for Transportation, approx.) | 414 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 203 cm |
| Root Ball Depth (approx.) | 137 cm |
| Root Ball Weight (approx.) | 3855 kg |
| Hydraulic Pressure Relief (Preset) | 3,000 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 GPM / 75 – 83 LPM |
| Tandem Axle Truck Length | 396 – 472 CM |

**90DAG**

25 – 30 cm Trees

Like the traditional 90D, the BIG JOHN 90-inch pecan tree spade for the pecan industry is made in America of highly durable, cold-formed steel with dual contoured blades. Used in loamy soils pecan trees love across the United States, our pecan tree spades are used by some of the largest pecan nurseries and producers in the country.

Each 90 inch pecan tree spade is mounted to the truck of your choice, with additional specifications below.

| **90DAG SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 25 – 30 cm |
| Weight of Transplanter | 8055 kg |
| Height Closed (for Transportation, approx.) | 414 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 228 cm |
| Root Ball Depth (approx.) | 152 cm |
| Root Ball Weight (approx.) | 5352 kg |
| Hydraulic Pressure Relief (Preset) | 3,000 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 GPM / 75 – 83 LPM |
| Tandem Axle Truck Length | 396 – 472 kg |

**90D**

25 – 30 cm Trees

The BIG JOHN Model 90 sets the standard for large truck mounted tree spades and is the most popular model for large tree movers wanting to move up to a 30 cm caliper tree.

It is a durable, fully contained, one-operator system built to perform in the most rigorous tree-moving conditions. It can handle trees up to 30 cm in diameter and has a 170 L oil reservoir.

Made in America of highly durable cold-formed steel, our dual contoured blades stand up to tough, rocky, and sandy soils for on-site moves without prepare ground. Each 90 inch tree spade is mounted to the truck of your choice, with additional specifications below.

| **90D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 25 – 30 cm |
| Weight of Transplanter | 7602 kg |
| Height Closed (for Transportation, approx.) | 414 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 228 cm |
| Root Ball Depth (approx.) | 152 cm |
| Root Ball Weight (approx.) | 5352 kg |
| Hydraulic Pressure Relief | 3,000 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 GPM / 75 – 83 LPM |
| Tandem Axle Truck Length | 396 – 472 kg |

**100D**

30 – 35 cm Trees

Built and designed for the professional tree moving company looking to provide fully mature tree moving and transplanting services, operators love the BIG JOHN 100” truck-mounted tree spade for tackling their largest tree moving jobs. Because of the extra-large size, trees can be moved any time of year with high survivability rates.

Designed and built for the professional mover. The biggest and best production tree spade available anywhere at any price. Move larger trees; move throughout the "off season". Whatever your needs, the Model 100 can do the job.

| **100D SPECS** |  |
| --- | --- |
| Nominal Tree Trunk Diameter | 30 – 35 cm |
| Weight of Transplanter | 9525 kg |
| Height Closed (for Transportation, approx.) | 414 cm |
| Width Closed (for Transportation, approx.) | 259 cm |
| Nominal Root Ball Width (Adjustable) | 254 cm |
| Root Ball Depth (approx.) | 172 cm |
| Root Ball Weight (approx.) | 6800 – 8164 kg |
| Hydraulic Pressure Relief (Preset) | 3,500 PSI |
| Hydraulic GPM Rating (Gallons Per Minute) | 20 – 22 GPM / 75 – 83 LPM |