

"We took a lot of time evaluating the different tugs that are available on the market and came away with the fact that the JETporter is superior to anything else out there...We would highly recommend your products to anyone looking for a first rate aircraft tug!"

Bill Ehrhorn, Marathon Jet Center

JETporter with its reliability, safety, various ground power capabilities, outstanding customer service and attention to detail is the company I use for all my electric aircraft towing needs; it is a quality product I believe in."

Stephen Leidigh, General Manager, Landmark Aviation

The **JP30** is capable of towing up to 30,000 lbs and has the power to move your aircraft with ease. Using a two-speed transaxle coupled directly to a 6 HP, continuous duty DC drive motor, gives this tug the power to get the tough jobs done. Many customers consider JETporter's ease of operation to be the best in the industry. Customers value the on board battery charger because a fresh charge is only the closest outlet away.

The **JP30L** has all of the same great benefits as the JP30 with two added features. The JP30L is three feet longer making it perfectly suited for use on long nose aircraft and the added length provides room for more luggage. The JP30L has an additional set of batteries which allows for longer run time between charges and more power.

The **JP75** and **JP75SC** are capable of towing up to 75,000 lbs. and have two independent continuous duty 8 HP DC drive motors. This unit has a zero degree turning radius and the power to pull most corporate aircraft from the Gulfstream G450 to smaller general aviation aircraft.

The **JP100S** and **JP100SSC** are capable of towing up to 100,000 lbs. and has two independent continuous duty 10 HP DC drive motors. The JP100S comes with power steering, a softer ride suspension and regenerative braking. The low profile of the JP100S allows you to drive under large cabin aircraft for tighter stacking, saving valuable hangar space.

Accessories and Adapters

K-4050	Front pintle hitch (slide in).....	JP30/JP30L
K-4051	Tire chains	JP30/JP30L
K-4057	Standoff arm (for aircraft w/wheel pants).....	JP30/JP30L
K-4094	Jumper cable kit.....	JP30/JP30L
K-4096	Tire siping	JP30/JP30L
K-4101	On board air compressor.....	JP30/JP30L
K-4478	Falcon 20/200 adapter.....	JP30/JP30L
K-4819	Learjet 40/70/75 adapter.....	JP30/JP30L
K-4054	PC 12 adapter.....	JP30
K-4099	Tire chains	JP75
K-4100	Tire chains	JP100S
K-4052	Westwind 1 & 2 adapter.....	JP30/JP30L/JP75/JP100S
K-4053	MU2 (Solitaire only) adapter.....	JP30/JP30L/JP75/JP100S
K-4055	Falcon 50/900/2000 adapter (required by aircraft manufacturer).....	JP30/JP30L/JP75/JP100S
K-4056	Lear 40/45 adapter	JP30/JP30L/JP75/JP100S
K-4123	Falcon 7X adapter (required by aircraft manufacturer).....	JP75/JP100S
K-4177	Sabreliner adapter.....	JP30/JP30L/JP75/JP100S
K-4222	Falcon 10/20/100/200 adapter (required by aircraft manufacturer).....	JP30/JP30L/JP75
K-4235	Dash 8-400 adapter (required by aircraft manufacturer).....	JP75/JP100S
K-4236	Dash 8-100/300 adapter.....	JP75/JP100S
K-4925	Forward/Reverse Steering.....	JP100S

TR062315

visit jetporter.com or tronair.com for detailed information

TRONAIR® Electric Towbarless Tugs

Always the right choice!

The entire family of JETporter Electric Towbarless Tugs has OEM approval



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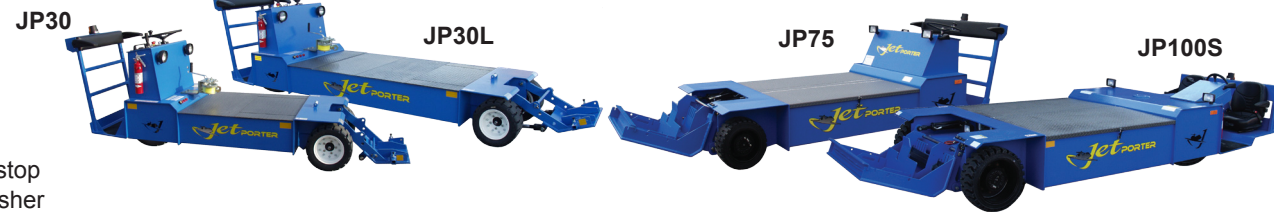
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Gulfstream put JETporter through the paces handling their entire fleet in the most challenging conditions.

Comments included:

- We moved a G550 with a full load of fuel into the fuel pit and back up to the ready spot on the ramp with ease.
- We operated for 5 days on the ramp before we put the unit on charge.
- We pulled a G200 into the hangar and removed the tug by maneuvering under the aircraft wing. We cannot do this with any other tug.
- We had better control maneuvering aircraft with JETporter than with other tugs. One technician said, "It's easier to use than the red tug!"



All Models

- Emergency stop
- Fire extinguisher
- Forward and reverse facing headlights, and strobe light when power activated
- Tuff-coat (rubberized) aluminum diamond plate covers - Provides a non-slip surface for luggage and minimizes sun glare
- Low wear solid tires eliminates flat tires
- Batteries can be procured locally
- Rugged Powder Coat Paint standard Tronair Blue but can be customized at nominal or no cost

JP30 & JP30L - 30,000 lb towing capacity

- Clean electric drive using a 48 volt DC system
- Built in 12/24/28-30 GPU system to assist starting aircraft
- Built in battery charger, 110 - 200 VAC, 50 or 60 Hz
 - Makes the closest outlet your charging station
- 6 HP continuous duty DC motor
 - Almost three times the horse power of the closest competitors model
 - Direct connection to transaxle-no chains, universals or couplings to maintain or replace
- 2 speed drive transaxle (manual shift)
 - High and low drive gears
 - High gear for speed when unloaded - low gear for higher torque when moving aircraft
 - Ability for direct drive dual wheel positive traction
- Steering wheel vertically mounted for ease of handling and visibility
- Soft ride solid rubber tires-both steering and drive tires - No down time for changing a flat tire
- 2 year warranty that includes return freight to customer - Better warranty for a stronger product
- **JP30L - 3 ft. extended deck**
 - Reaches the nose gear on extended nose aircraft
 - Provides larger luggage area
 - Second battery pack for longer operating time between charges and increased power

JP75 - 75,000 lb towing capacity

JP100S - 100,000 lb towing capacity

- Clean and green electrical drive towbarless tug
 - Uses a 48 volt system to drive two (8 HP - JP75, 10 HP - JP100S) continuous duty DC motors
 - Direct drive motor coupled to the drive hub via a wet disc brake system
- Redundant braking systems;
 - Dynamic regenerative primary braking, hydraulic secondary manual foot braking and automatic parking brake
 - Regenerative braking eliminates battery drain while slowing and stopping, extending battery life
- Emergency/parking brake automatically sets when voltage, hydraulic pressure or operator is not present
- Sealed winch safety switch, with no mechanical linkage, reduces pull force to 200 lbs keeping tension on the strap while protecting nose gear
- Filtered hydraulic system minimizes wear & tear on hydraulic system
- Heavy duty suspension system which gives a smoother ride
- Winch and cradle controls located at both the cockpit and the front fender
- All-weather electrical design based on high reliable CE requirements
- **JP100S** - The Tronair "Proportional Drive Steering" system allows for a zero degree turning radius, longer tire life and better handling in adverse weather conditions and allows for tighter hangar stacking and ease of positioning the aircraft
- **JP100S** - Foot operated throttle for acceleration and deceleration

SOFTCAPTURE® aircraft without straps and without touching the strut or any part of the nose landing gear and never leave the drivers cockpit



Patented

Standard Features:

- Connect to the aircraft nose landing gear from the driver's cockpit or at the fender next to the aircraft nose landing gear (NLG)
- All contact is made on the aircraft NLG tires only, no contact or straps on the oleo strut or NLG
- Designed to fit most common dual nose-wheel aircraft
- 2 (8 Hp - **JP75SSC**, 10 Hp - **JP100SSC**) continuous duty drive motors coupled directly to brake/torque hub results in fewer moving parts (no chains)
- Proportional drive with steering position sensor
- Battery charge indicator with hourmeter
- 16 - 6 volt batteries
- Rear suspension system compensates for uneven ramp surface, dampens transmitted vibration for passengers, crew and operator
- Power steering
- Heavy duty long life torque hubs
- Regenerative dynamic motor braking for long battery life and very smooth deceleration
- Redundant hydraulic service foot brake
- Automatic parking brake
- Solid rubber tires
- 10 micron hydraulic system filtration
- Covered storage compartments with rubberized coating on aluminum diamond deck cover
- Headlights and rear facing lights
- Strobe light and side marker lights
- Horn
- **JP100SSC** - Head set junction box
- **JP100SSC** - Rear view mirror
- Finish: Durable Powder Coat Tronair Blue (Custom colors and graphics available)

Safety Features:

- Aircraft can remain chocked with brake on, tractor automatically moves in to capture landing gear
- The parking brake release safety switch allows the unit to "roll" during capture so the aircraft doesn't move, the hydraulic foot brake remains functional at all times
- Throttle speed limit safety switch reduces unit speed when approaching the aircraft with cradle down
- Forward motion safety switch disengages the throttle when the forward motion safety bar contacts the aircraft nose tire, this prevents the operator from pushing on the nose tire
- The gate lock and cradle locator safety switch locates the cradle and stops the "cradle down" movement when the cradle is lowered to the ground, the gate lock prevents "cradle open" movement when the cradle is up
- **JP75SC** - Controlled acceleration and deceleration joystick operated throttle
- **JP100SSC/JP100SSCOS** - Controlled acceleration and deceleration foot pedal operated throttle
- **JP100SSCOS** - Oversteer protection
- Regenerative braking for smooth deceleration and maximum control
- Emergency stop
- Fire extinguisher

Optional Equipment:

- Fully automated, multi-tap battery charger
- Pintle hitch (rear)
- Battery watering system



Specifications:

Model Number	Max Aircraft Weight lb (kg)	Cradle Capacity lb (kg)	Speed Empty mph (kph)	Speed Full Load mph (kph)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
JP100S	100,000 (45,359)	10,000 (4,536)	7 (11.3)	3 (4.8)	209 (530.9)	70 (177.8)	39 (98.4)	7,000 (3,175)
JP100SSC	100,000 (45,359)	10,000 (4,536)	7 (11.3)	3 (4.8)	209 (530.9)	70 (177.8)	39 (98.4)	7,000 (3,175)
JP75	75,000 (34,019)	7,500 (3,402)	8 (12.9)	3 (4.8)	179.5 (455.9)	58 (147.3)	52 (132.1)	5,700 (2,586)
JP75SC	75,000 (34,019)	7,500 (3,402)	8 (12.9)	3 (4.8)	179.5 (455.9)	58 (147.3)	52 (132.1)	5,700 (2,586)
JP30	30,000 (13,608)	3,000 (1,361)	10 (16)	3 (4.8)	135 (342.9)	40 (101.6)	49 (124.5)	2,450 (1,111)
JP30L	30,000 (13,608)	3,000 (1,361)	10 (16)	3 (4.8)	171 (434.4)	40 (101.6)	49 (124.5)	3,250 (1,474)

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