



**Eliminates negative “strap capture” events
Reduced capture/release time can improve on-time performance/airline costs**

Standard Features:

- Connect to the aircraft nose landing gear without leaving the cockpit
- All contact is made on the aircraft nose landing gear (NLG) tires only
- No contact or straps on the oleo strut or NLG
- Designed to fit most common dual nose-wheel aircraft
- Two (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
- Emergency stop
- 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
- Head set junction box (JP100SSC)
- Rear view mirror (JP100SSC)
- Horn
- Finish: Durable Powder Coat

Safety Features:

- Oversteer protection - JP100SSCOS Only
- 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 preventing 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
- 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
- Controlled acceleration and deceleration foot pedal operated throttle

Optional Equipment:

- Fully automated, multi-tap battery charger
- Battery watering system

SOFTCAPTURE® cradle contacts only NLG tires!



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)
JP75SSC	75,000 (34,019)	7,500 (3,400)	8 (12.9)	3 (4.8)	179.5 (455.9)	58 (197.3)	52 (132.1)	5,700 (2,586)
JP100SSCUS	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)
JP100SSCOS	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)

www.tronair.com

Tronair • Email: sales@tronair.com • Phone: 419-866-6301 or 800-426-6301 • Fax: 419-867-0634

Asia/Australia - Email: tronairasia@tronair.com • Phone: 662 2121463 • Fax: 662 2121332

Europe, Middle East & Africa Sales Office • Email: saleseurope@tronair.com • Phone: 44-0-113-245-3300 • Fax: 44-0-113-322-0436

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