



**Datasheet J-AXLE A-series:                      p/n: J-AXLE45A**

Axle jack for lifting of A/C at landing gear jacking points for removal & installation of wheels and brakes.

**Standard features:** (version without handpump)

- Fast stroke system with automatic piston retraction
- Air/nitrogen operated hydraulic pump, connection G $\frac{1}{4}$ " female thread  
 Possible media: Compressed air, nitrogen from bottles or inflated tires (via option PHA)
- Universal jacking adapter, cup size SR 3/4"
- Operating handle with several locking positions
- Hydraulic cylinder with 3 stages, extension screw and silicone cylinder protection
- Skydrol resistant paint, standard color yellow RAL 1018
- Easy to maintain through modular design of components
- Working pressure:                      from 8 to 15 bar (116 to 217 psi)
- Working temperature:                from -20°C to +50°C (-4°F to 122°F)
- Hydraulic fluid:                        Automatic transmission fluid (e.g. ATF Dexron II D)

**Options (at extra charges):** please refer to separate datasheets for more details

- Option HPA                      Hydraulic hand pump for J-Axle (weight 8kg/17.6lbs)
- J-AXLE-PHA                      tire hose with SCHRADER connector (LARGE and SMALL bore)
- J-AXLE-TB45-60-90               fly-away transport box for axle jack
- J-Cart-A /-2A                      cart for transport of 1 / 2 axle jacks
- 227A-JMS                        wheel change dolly
- J-WF1                              wheel fork
- J-TF60 /-150                      universal load test fixtures; applicable for any model/brand

**Documentation:**

- Proof load/quality inspection certificate
- Technical manual incl. illustrated spare parts list
- COC Certificate of Conformity
- CE Declaration of Conformity

**Compliance with the following relevant directives, standards and OEM documents:**

- EC machinery directive 2006/42/EC
- EN 1494: 2009
- EN 1915-1: 2009
- EN 1915-2: 2009
- EN 12312-19: 2009
- Maintenance facility (equipment) planning documents from aircraft manufacturers/OEMS (see page 2, aircraft application)

**Net weight (without options):**

- 89 kg / 196 lbs

**Shipping information incl. packing:** (refers to single units; varies for packages)

approx. weight	approx. shipping dim. l x w x h	approx. volume
[kg] <b>104</b>	[mm] <b>1370 x 650 x 650</b>	[m <sup>3</sup> ] <b>0,58</b>
[lbs] <b>229</b>	[inch] <b>54 x 25.6 x 25.6</b>	[ft <sup>3</sup> ] <b>20</b>

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**Aircraft applications:**

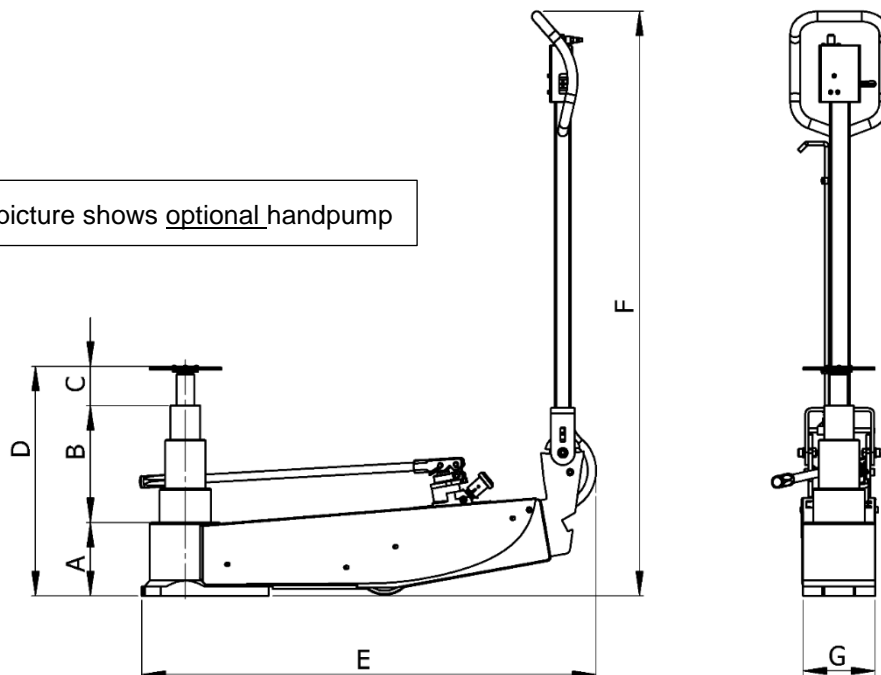
A/C Type	NLG	MLG
A220-100/-300 (CS100/300)	1	1, 2, 3
A300-B2/-B4/-600	1	1
A310-200/-300	1	1, 2, 3
A318	1	1
A319/A320/A321 + neo	1	1, 2, 3
A330-200/-300	1	-
A340-200/-300	1	-
B707, KC-135, E-3/-6/-8	1	1, 2
B717, MD80/-90	-	1
B727-100/-200	1	1, 2
B737-100/-200	-	1, 2, 3
B737-300/-400/-500	1	1, 2, 3
B737-600/-700/-800/-900, BBJ	1	1, 2, 3
B737 MAX 7/8/82/9	1	1, 2, 3
B757-200/-300	1	1, 2
B767-200/-300/-400ER	1	-
B777-200/-200ER/-300	1, 2	-

A/C Type	NLG	MLG
B777-200LR/-300ER	1, 2	-
B787-8/-9/-10	1, 2	-
C-130 Hercules (2010100V0100)	1	1
AN-148/-158	-	1, 2
Dash8-Q100/Q200/Q300/Q400	1	1
DC-10/MD-11/-F	1	-
Embraer 170/175 / 190/195	-	1, 2, 3
Embraer E2 (190-E2/195-E2)	-	1, 2, 3
Fokker 50/60, 70/100	-	1
L1011-100/-200/-500	1	-
MD-80, MD-90	1	1
Sukhoi Superjet 100	1	1
Tupolev TU-204/-214	1, 2	1, 2
Irkut MS-21-200/-300	1	1,2,3
L-100	1	1
C-27J (adapter required)	-	1
Bombardier Global Express 5000/6000/XRS	-	1

**Wheel conditions:** 1 = normal, 2 = 1 flat tire, 3 = 2 flat tire, 4 = on rim

**Drawing:**

Note: picture shows optional handpump



**Technical dimensions:**

Capacity	A Min. height	B Hydr. Lift	C Screw Ext.	D Max. height	E Body length	F Handle height	G Base width
[t]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
<b>45</b>	<b>190</b>	<b>287</b>	<b>86</b>	<b>563</b>	<b>1110</b>	<b>1130</b>	<b>182</b>
[tn sh.]	[inch]	[inch]	[inch]	[inch]	[inch]	[inch]	[inch]
<b>50</b>	<b>7.5</b>	<b>11.3</b>	<b>3.4</b>	<b>22.2</b>	<b>43.7</b>	<b>44.5</b>	<b>7.2</b>