

A320neo COLLINS

NACELLE TOOLING CATALOG



A320neo

GSE TOOLS

Entry into Service (EIS) recommended GSE quantities are based on a review of the Aircraft Maintenance Manual.

If you need help in order to define the tools to use and for quantity for your needs, contact us and our dedicated team will help you to do the good choice.

Dedienne will help you to choose the right tool for the right task.



CATEGORY	PART NUMBER	NAME	MINIMAL QUANTITIES FOR EIS
 INLET COWL	636-1100-1GSE	Inlet Cowl Sling	1
	636-1100-2GSE	Inlet Cowl Dolly	1
	636-1100-3GSE	Inlet Cowl Protective Blanket	0
	636-0001-4GSE	Inlet Cowl Lip Cover	2
 FAN COWLS	636-2000-17GSE	Fan Cowl Handling Sling	1
	636-2000-18GSE	Fan Cowl Dolly	1
	636-2000-19GSE	Fan Cowl Hinge Bolt Thread Protectors	1
	636-3000-7GSE	Thrust Reverser Handling Sling	1
 THRUST REVERSER	636-3000-8GSE	Thrust Reverser Dolly	1
	636-3000-9GSE	Thrust Reverser Hinge Bolt Thread Protectors	1
	636-3000-10GSE	Thrust Reverser Hold Open Strut To Pylon	1
	636-3000-11GSE	Thrust Reverser C-Duct Cover	2
 NOZZLE & CENTER BODY	636-3000-12GSE	Thrust Reverser Acoustic Panel Protective	0
	636-3000-13GSE	Thrust Reverser Manual Hydraulic Opening System	1
	636-3000-25GSE	Thrust Reverser DOS Installation Aid	1
	636-3000-26GSE	Thrust Reverser Vapor Barrier Seal Protector	1
 ENGINE MOUNT	636-3000-28GSE	Thrust Reverser Actuator Primary Lock Pin	0
	636-3501-34GSE	Translating Sleeve	1
	636-3000-35GSE	Latch Pressure Tester	1
	636-4250-21GSE	Exhaust Nozzle I/R Lifting Aid	1
 INLET COWL	636-4000-22GSE	Exhaust Dolly	0
	636-4000-23GSE	Exhaust Exit Area Plug	2
	636-1000-27GSE	Pylon ECS Interface Duct Support	1
	636-1000-29GSE	PW & CFM Hoisting Device - Engine Mount FWD	1
 FAN COWLS	636-1000-30GSE	PW & CFM Hoisting Device - Engine Mount AFT	1
	636-1000-31GSE	PW & CFM Support Beam Engine Mounts	1
	636-1000-32GSE	PW & CFM Blocking Device - Engine Mount AFT	1
	636-1000-33GSE	PW & CFM Pin Extractor - Engine Mount AFT	1

CONTENT

INLET COWL

- › Inlet Cowl Sling.....p.3
- › Inlet Cowl Dolly.....p.4
- › Inlet Cowl Protective Blanket.....p.5
- › Inlet Cowl Lip Cover.....p.6

FAN COWLS

- › Fan Cowl Handling Sling.....p.19
- › Fan Cowl Dolly.....p.20
- › Fan Cowl Hinge Bolt Thread Protectors...p.21

THRUST REVERSER

- › Thrust Reverser Handling Sling.....p.7
- › Thrust Reverser Dolly.....p.8
- › Thrust Reverser Hinge Bolt Thread Protector.....p.9
- › Thrust Reverser Hold Open Strut to Pylon.....p.10
- › Thrust Reverser C-Duct Cover.....p.11
- › Thrust Reverser Acoustic Panel Protective.....p.12
- › Thrust Reverser Manual Hydraulic Opening System.....p.13
- › Thrust Reverser DOS Installation Aid.....p.14
- › Thrust Reverser Vapor Barrier Seal Protector.....p.15
- › Thrust Reverser Actuator Primary Lock Pin.....p.16
- › Translating Sleeve.....p.17
- › Latch Pressure Tester.....p.18

NOZZLE & CENTER BODY

- › Exhaust Nozzle I/R Lifting Aid.....p.22
- › Exhaust Dolly.....p.23
- › Exhaust Exit Area Plug.....p.24
- › Pylon ECS Interface Duct Supportp.25

ENGINE MOUNT

- › PW & CFM Hoisting Device - Engine Mount FWD...p.26
- › PW & CFM Hoisting Device - Engine Mount AFT....p.27
- › PW & CFM Support Beam Engine Mounts.....p.28
- › PW & CFM Blocking Device - Engine Mount AFT....p.29
- › PW & CFM Pin Extractor - Engine Mount AFT.....p.30



INLET COWL SLING

A320neo GSE TOOLS



DESCRIPTION – USE

This tool is used to lift and rotate the A320neo Inlet Cowl from the staging platform into aircraft orientation.



CAUTION

This tool is the only tool validated to lift the A320neo Inlet Cowl. If the Inlet Cowl is lifted with another tool, and there is damage, the insurance company may not cover the damage.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



320 x 60 x 50 cm



150 KG



636-1100-1GSE



INLET COWL DOLLY

A320neo GSE TOOLS



DESCRIPTION – USE

This tool is used to hold and transport the Inlet assy for storage, local transportation and maintenance.



CAUTION

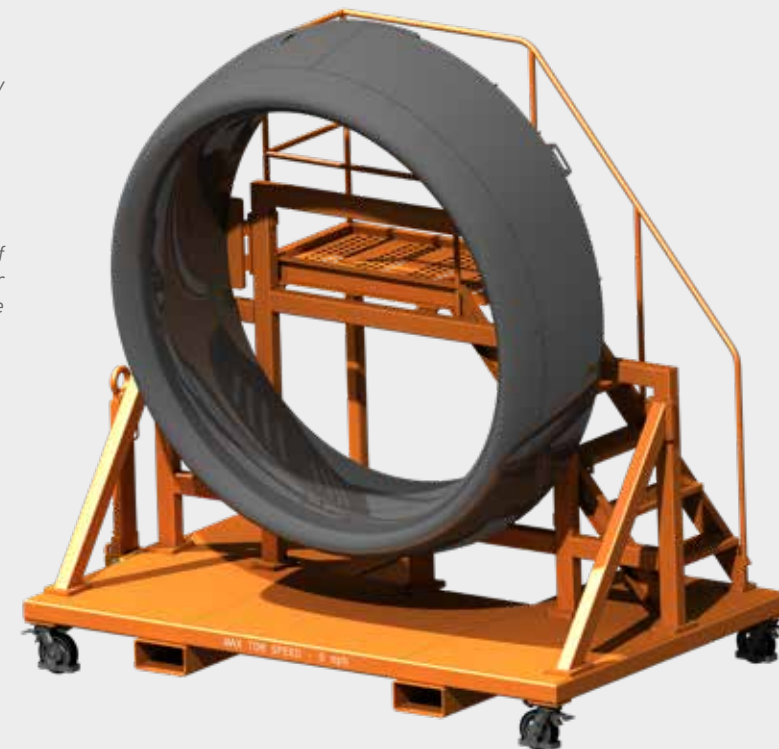
This tool has been validated for the maintenance of the A320neo Inlet Cowl. If the Inlet Cowl is moved or repaired on another tool and there is damage, the insurance company may not cover the damage.



330 x 210 x 300 cm



950 KG



636-1100-2GSE





INLET COWL PROTECTIVE BLANKET



DESCRIPTION – USE

This tool is used as a protective rug on the Thrust Reverser acoustic surface during Thrust Reverser maintenance, removal or installation activity.



80 x 30 x 30 cm



20 KG

5

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

636-1100-3GSE



INLET COWL LIP COVER



DESCRIPTION – USE

This tool is used to protect Inlet from foreign objects during parking and mooring.



CAUTION

Without the Inlet Cowl Lip Cover, water, dust or wind can go inside the Engine.

> Water retention: Accelerates corrosion.

> Dust: The Engine could be damaged during the ignition.

> Wind: Allows blade rotation which may cause damage.

The Engine warranty may be void if the Covers are not used properly under the required conditions and there is damage to the Engine.



50 x 40 x 40 cm

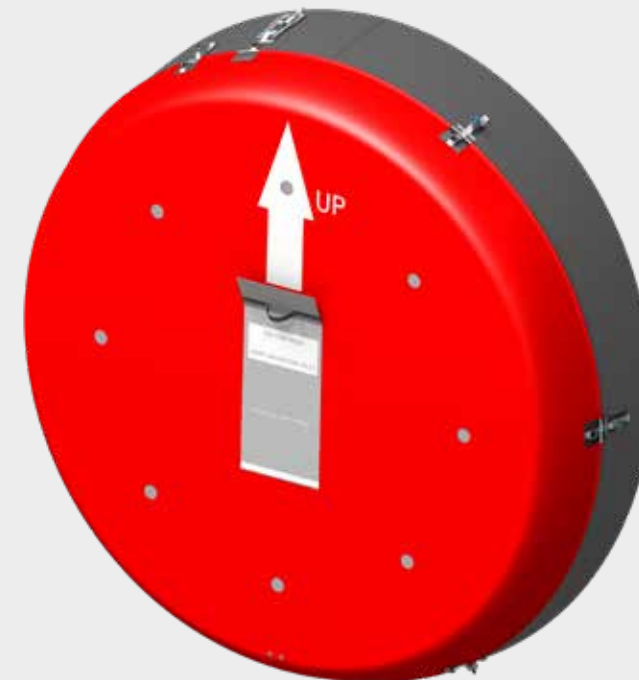


3 KG

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

636-0001-4GSE



6

THRUST REVERSER HANDLING SLING

DESCRIPTION – USE

This tool is used to move the Thrust Reverser halves (LH & RH) from the aircraft wing to Dolly (636-3000-8-GSE «turtleback» orientation) and from Dolly to aircraft wing.

CAUTION

This tool is the only tool validated to lift the A320neo Thrust Reverser. If the Thrust Reverser is lifted using another tool, and there is damage, the insurance may not cover the damage.

TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.

145 x 130 x 80 cm

260 KG



636-3000-7GSE



A320neo GSE TOOL5

THRUST REVERSER DOLLY

DESCRIPTION – USE

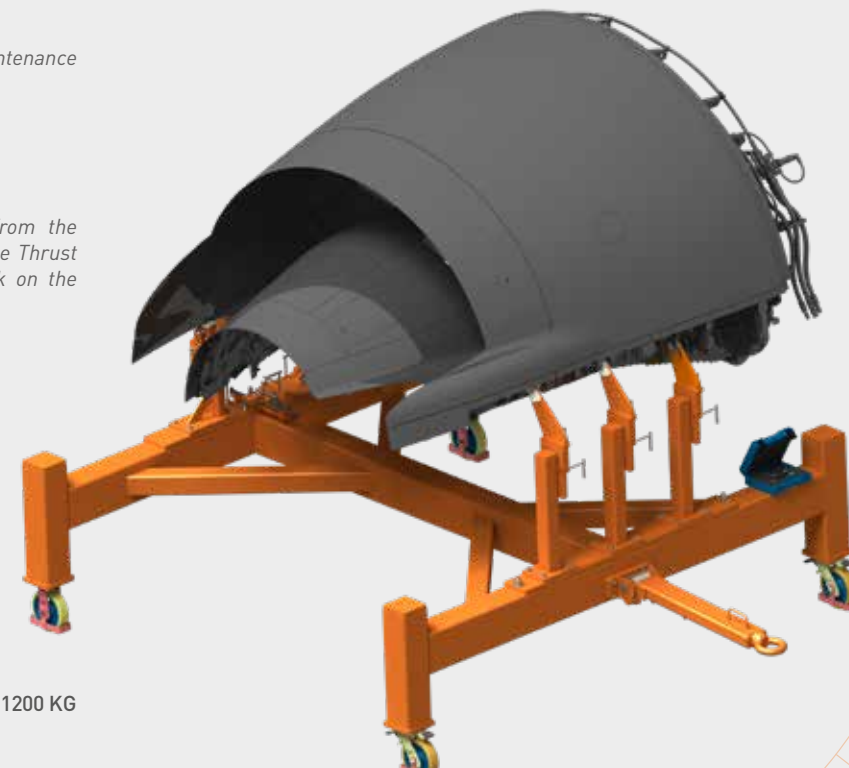
This tool is used for transportation and maintenance of Thrust Reverser (LH & RH).

CAUTION

When the Thrust Reverser is removed from the aircraft using the Thrust Reverser Sling, the Thrust Reverser Dolly is needed to store or work on the Thrust Reverser.

270 x 270 x 155 cm

1200 KG



636-3000-8GSE



A320neo GSE TOOL5



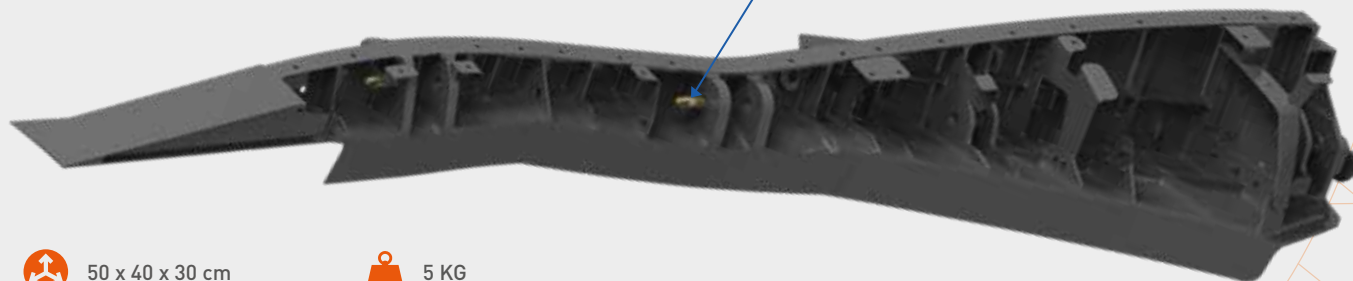
THRUST REVERSER HINGE BOLT THREAD PROTECTORS

A320neo GSE TOOLS



DESCRIPTION - USE

This tool is used to protect the thread of the Thrust Reverser Hinge Beam Bolts during bolt installation and removal.



50 x 40 x 30 cm



5 KG



636-3000-9GSE



THRUST REVERSER HOLD OPEN STRUT TO PYLON

A320neo GSE TOOLS



DESCRIPTION - USE

- 1 - Hold open strut is adjustable and is used to hold the Thrust Reverser open at 45 degrees during Engine removal.
- 2 - To compress and protect Hinge Beam Seal during Engine removal.
- 3 - To keep hinge beam located axially at R3 hinge during Engine removal.
- 4 - To keep both Fan Cowl and Thrust Reverser open during Engine removal.



CAUTION

This tool is mandatory for this task. If not used the Thrust Reverser or the Pylon can be damaged.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



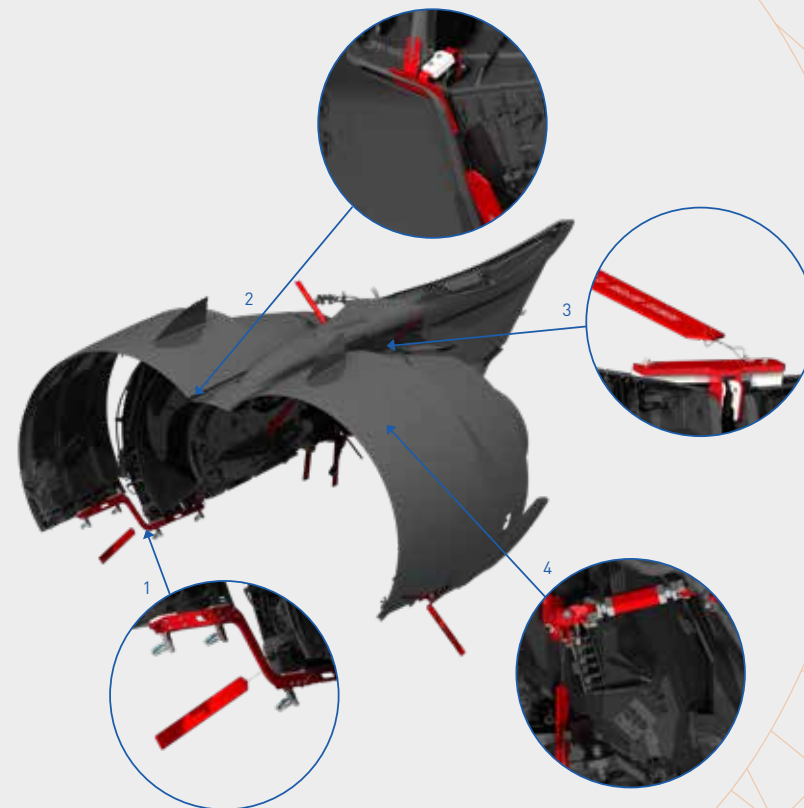
170 x 100 x 50 cm



110 KG



636-3000-10GSE



THRUST REVERSER C-DUCT COVER

DESCRIPTION – USE

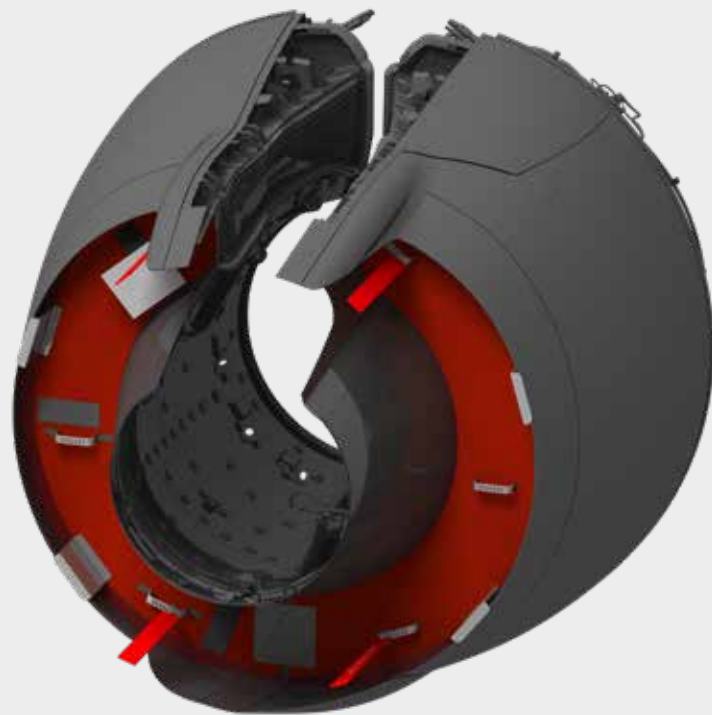
This tool is used to cover the bypass duct between the Translating Sleeve and Inner Fixed Structure (LH and RH).

CAUTION

Without the Thrust Reverser C-Duct Cover, water, dust or wind can go inside the Engine.
> Water retention: Accelerates corrosion.
> Dust: The Engine could be damaged during the ignition.
> Wind: Allows blade rotation which may cause damage.
The Engine warranty may be void if the Covers are not used properly under the required conditions and there is damage to the Engine.

210 x 110 x 65 cm

105 KG



636-3000-11GSE



THRUST REVERSER ACOUSTIC PANEL PROTECTIVE

DESCRIPTION – USE

This tool is used as a protective rug on the Thrust Reverser acoustic surface during Thrust Reverser maintenance, removal or installation activity.

85 x 40 x 20 cm

20 KG



636-3000-12GSE



THRUST REVERSER MANUAL HYDRAULIC OPENING SYSTEM

⚙️ DESCRIPTION – USE

This tool is a manual hydraulic system and is used in conjunction with the thrust reverser Door Opening System (DOS) actuator. The tool is used to open the Thrust Reverser half on A/C wing and hold open. The tool is also used to lower the Thrust Reverser half back to the closed position.

⚠️ CAUTION

The Thrust Reverser Hydraulic Opening System or pump has been designed for use on the A320neo. If another pump is used to open the C-Ducts and there is damage, the damage may not be covered by the insurance.

✅ TEST

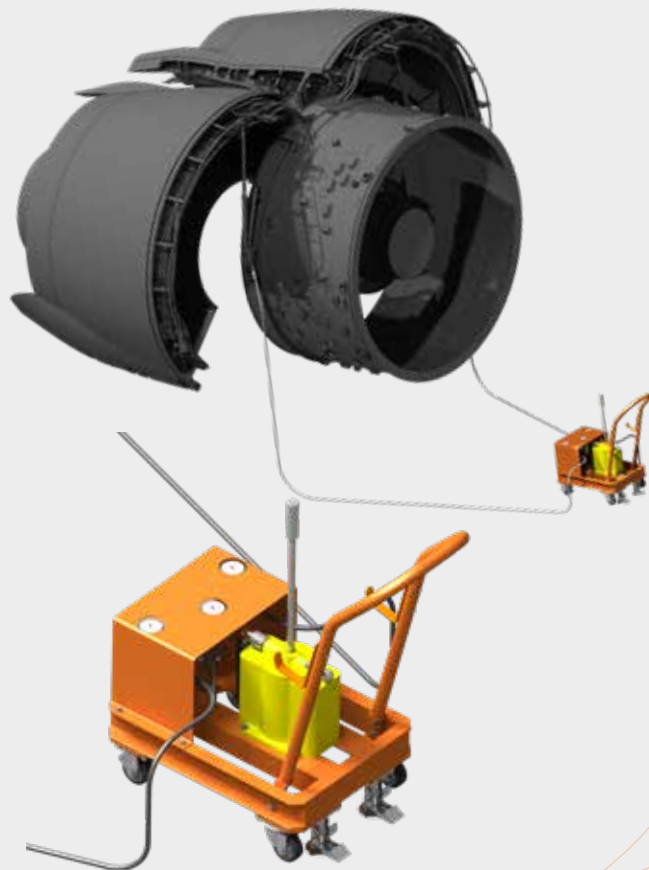
Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.

📏 100 x 100 x 110 cm

📊 100 KG

13

The pictures, measurements, and weights shall be used only as an indication.



636-3000-13GSE



A320neo GSE TOOLS



THRUST REVERSER DOS INSTALLATION AID

⚙️ DESCRIPTION – USE

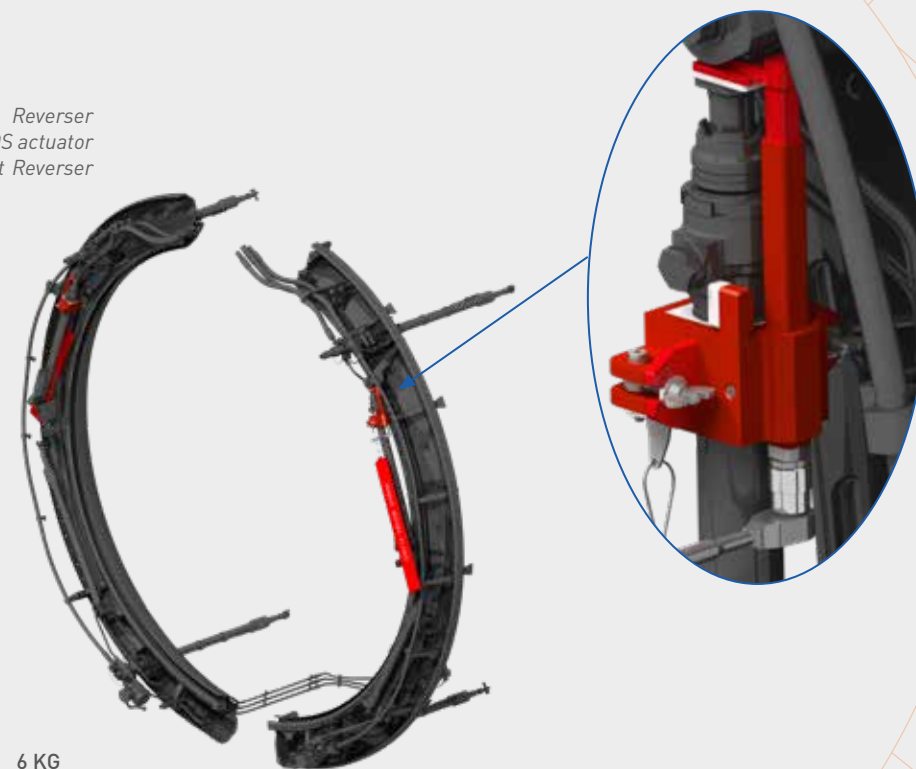
This tool is used to compress Thrust Reverser DOS upper ROD end to Thrust Reverser DOS actuator body to facilitate the installation of Thrust Reverser DOS on both LH and RH.

📏 50 x 30 x 30 cm

📊 6 KG

14

The pictures, measurements, and weights shall be used only as an indication.



636-3000-25GSE



A320neo GSE TOOLS

14



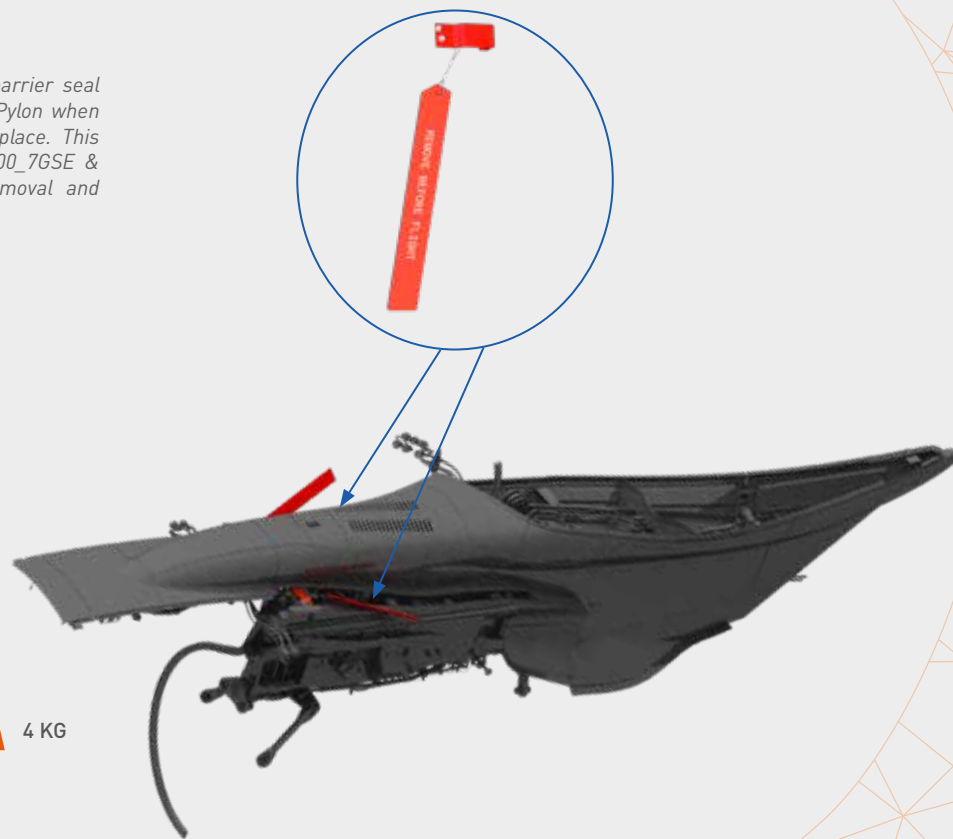
THRUST REVERSER VAPOR BARRIER SEAL PROTECTOR

A320neo GSE TOOLS



DESCRIPTION - USE

This tool is used to protect the vapor barrier seal (LH & RH) from being damaged by the Pylon when Hinge Access Panels (HAP) are not in place. This tool is used in conjunction with 636-3000_7GSE & 636-3000_10GSE for Engine drop / removal and Thrust Reverser installation / removal.



50 x 40 x 25 cm



4 KG



636-3000-26GSE



THRUST REVERSER ACTUATOR PRIMARY LOCK PIN

A320neo GSE TOOLS



DESCRIPTION - USE

This tool is used to pin the Track Lock Mechanism in the «locked» or the «unlocked» position.



60 x 40 x 20 cm



3 KG

636-3000-28GSE

TRANSLATING SLEEVE



DESCRIPTION – USE

This tool is used to remove translating sleeve after Thrust Reverser is removed from wing.



CAUTION

This Sling is a lifting tool and it's the only tool validated to lift the A320neo Translating Sleeve. If the Translating Sleeve is lifted with another tool, and there is damage, insurance may not cover the damage.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



100 x 50 x 40 cm



40 KG



A320neo GSE TOOLS

636-3501-34GSE



LATCH PRESSURE TESTER



DESCRIPTION – USE

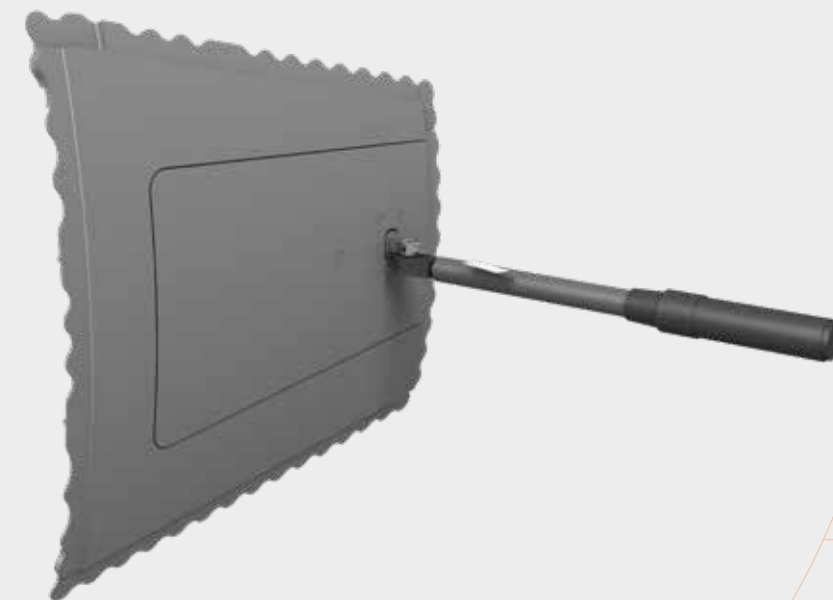
This tool is used to verify the latch tension is set correctly and to release at a pre-determined load.



35 x 20 x 20 cm



1 KG



A320neo GSE TOOLS

636-3000-35GSE



FAN COWL HANDLING SLING



DESCRIPTION – USE

This tool is used to lift and rotate the A320neo Fan Cowl door from the staging platform into aircraft orientation. The tool is suitable for LH and RH use.



CAUTION

This Sling is a lifting tool and it's the only tool validated to lift the A320neo Fan Cowl. If the Fan Cowl is lifted with another tool, and there is damage, insurance may not cover the damage.



TEST

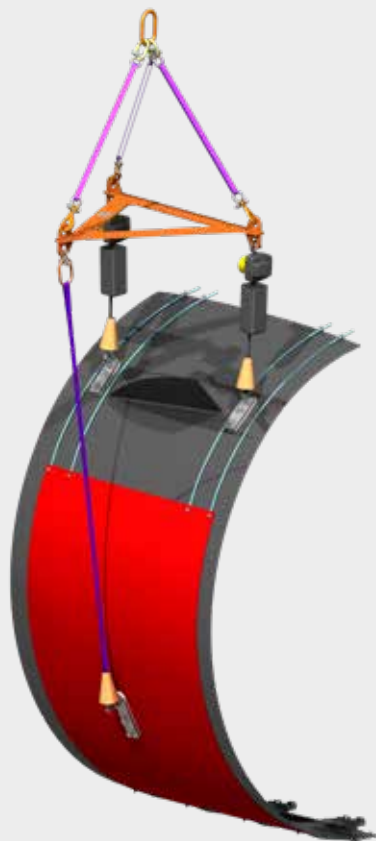
Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



150 x 140 x 60 cm



115 KG



636-2000-17GSE

A320neo GSE TOOLS



FAN COWL DOLLY



DESCRIPTION – USE

This tool is used to locate and hold the LH & RH Fan Cowl assemblies at the edges for storage or local transportation.



CAUTION

After using the Fan Cowl Sling [-17GSE] to remove a Fan Cowl from the Engine, the Fan Cowl Dolly [-18GSE] is needed to move, store or do maintenance on the Fan Cowl.



340 x 190 x 130 cm



350 KG



636-2000-18GSE

A320neo GSE TOOLS



FAN COWL HINGE BOLT THREAD PROTECTORS



DESCRIPTION – USE

This tool is used to protect the thread of the Fan Cowl hinge beam bolts and bushings during bolts installation and removal.



50 x 40 x 30 cm



6 KG



A320neo GSE TOOLS

636-2000-19GSE



EXHAUST NOZZLE I/R LIFTING AID



DESCRIPTION – USE

This tool is used to transport, hold and position the A320neo Exhaust Nozzle during installation. The tool is suitable for both right- and left-handed use.



CAUTION

This Aid is a lifting tool and it is the only tool validated to lift the A320neo Nozzle. If the Nozzle is lifted with another tool, and there is damage, the insurance may not cover that damage.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



160 x 110 x 130 cm



200 KG



636-4250-21GSE

A320neo GSE TOOLS



EXHAUST DOLLY

A320neo GSE TOOLS



DESCRIPTION - USE

This tool is used for transportation and storage of FWD centerbody, AFT Center body and Exhaust Nozzle assy's.



120 x 110 x 100 cm



225 KG

23

The pictures, measurements, and weights shall be used only as an indication.

636-4000-22GSE



EXHAUST EXIT AREA PLUG

A320neo GSE TOOLS



DESCRIPTION - USE

This tool is used to prevent foreign objects from entering open areas between Exhaust Nozzle and Exhaust Centre body during parking or mooring.



CAUTION

Without the Exhaust Exit Area Plug, water, dust or wind can go inside the Engine.
> Water retention: Accelerates corrosion.
> Dust: The Engine could be damaged during the ignition.
> Wind: Allows blade rotation which may cause damage.
The Engine warranty may be void if the Covers are not used properly under the required conditions and there is damage to the Engine.



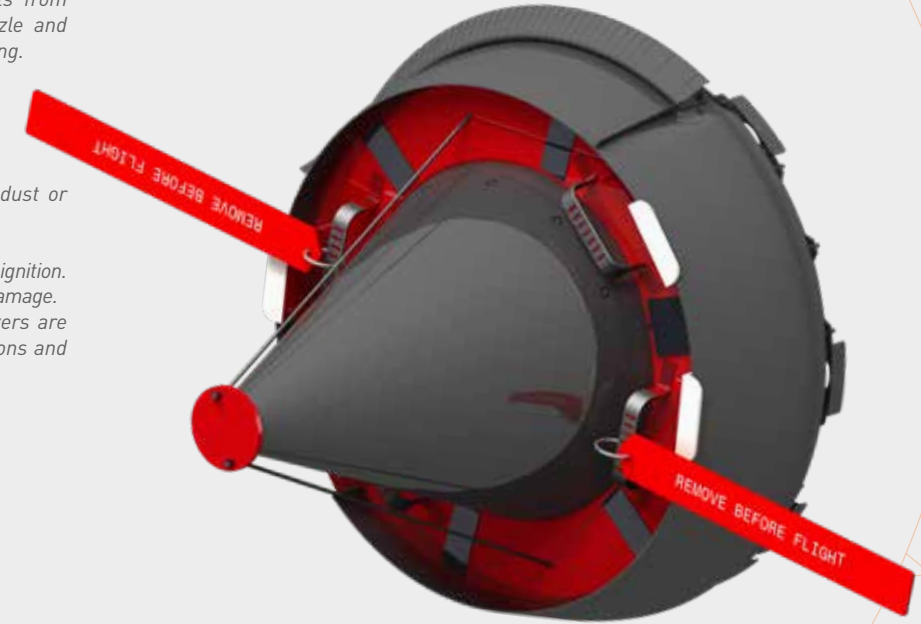
100 x 50 x 45 cm



25 KG

24

The pictures, measurements, and weights shall be used only as an indication.



636-4000-23GSE



24

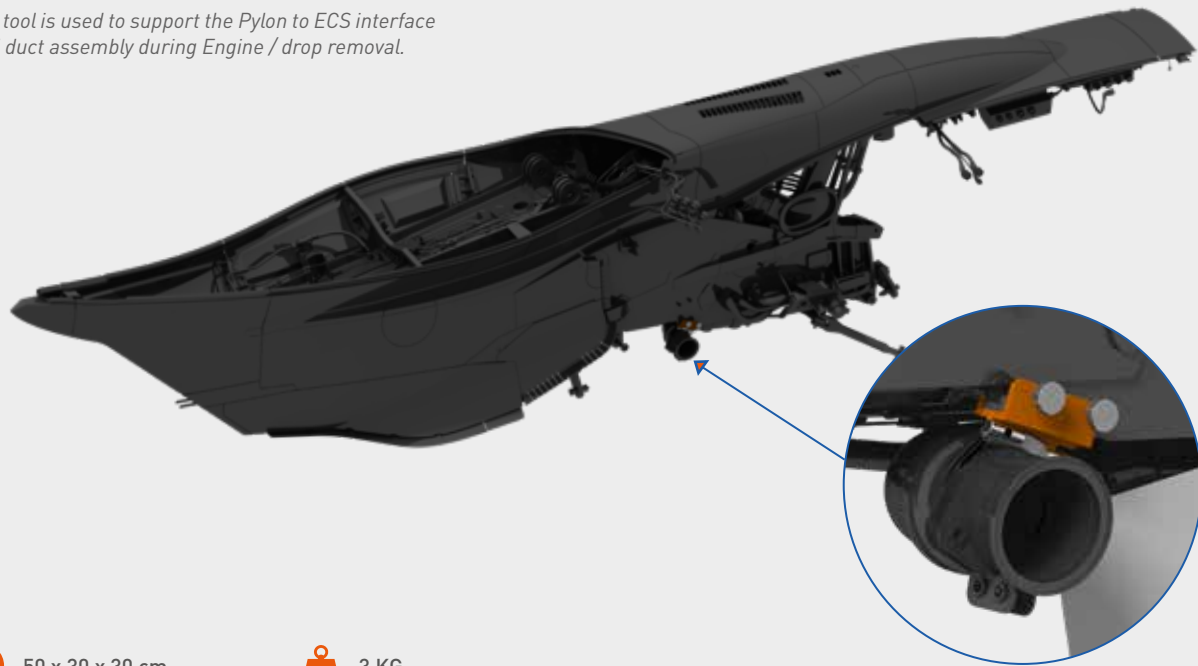


PYLON ECS INTERFACE DUCT SUPPORT



DESCRIPTION – USE

This tool is used to support the Pylon to ECS interface EBU duct assembly during Engine / drop removal.



50 x 30 x 30 cm



3 KG

25

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

636-1000-27GSE



PW & CFM HOISTING DEVICE ENGINE MOUNT FWD



DESCRIPTION – USE

This tool is used to ensure the removal and the installation of the Engine Mount FWD.



CAUTION

This Aid is a lifting tool and it is the only tool validated to lift the A320neo Engine Mount. If the Engine Mount is lifted with another tool, and there is damage, the insurance may not cover the damage.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



60 x 50 x 25 cm



16 KG

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

636-1000-29GSE



26

PW & CFM HOISTING DEVICE ENGINE MOUNT AFT

DESCRIPTION – USE

This tool is used to ensure the removal and the installation of the Engine Mount AFT.

CAUTION

This Aid is a lifting tool and it is the only tool validated to lift the A320neo Engine Mount. If the Engine Mount is lifted with another tool, and there is damage, the insurance may not cover the damage.

TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.

80 x 60 x 40 cm

20 KG

27

The pictures, measurements, and weights shall be used only as an indication.



636-1000-30GSE

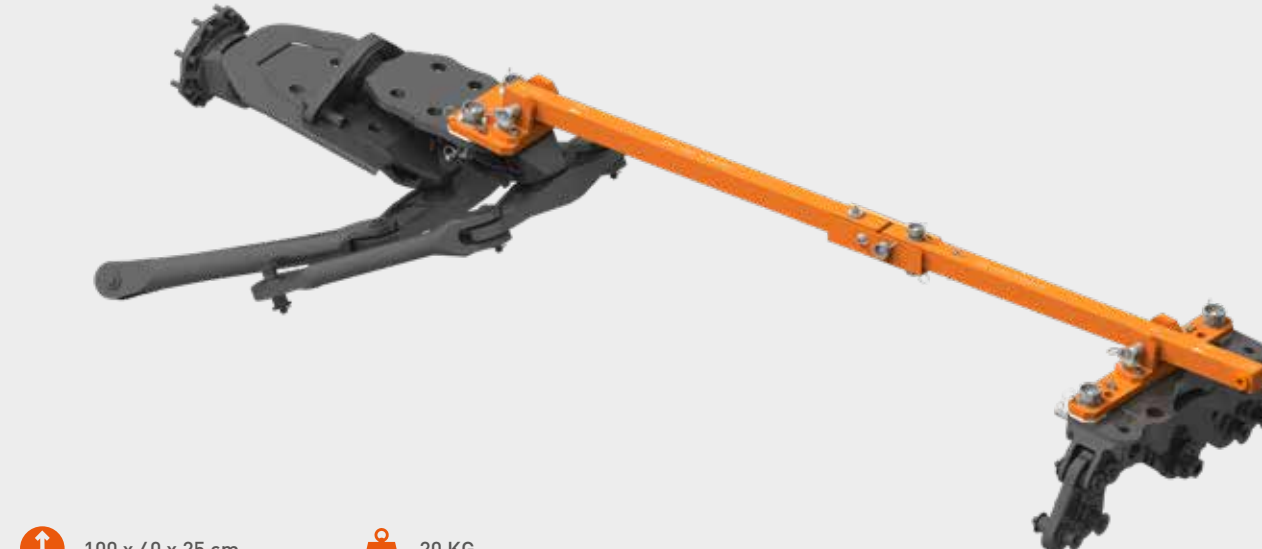


A320neo GSE TOOLS

PW & CFM SUPPORT BEAM ENGINE MOUNTS

DESCRIPTION – USE

This tool is used to prevent the displacement or vibration of the Engine Mounts during transportation.



636-1000-31GSE



A320neo GSE TOOLS

100 x 40 x 25 cm

20 KG

28

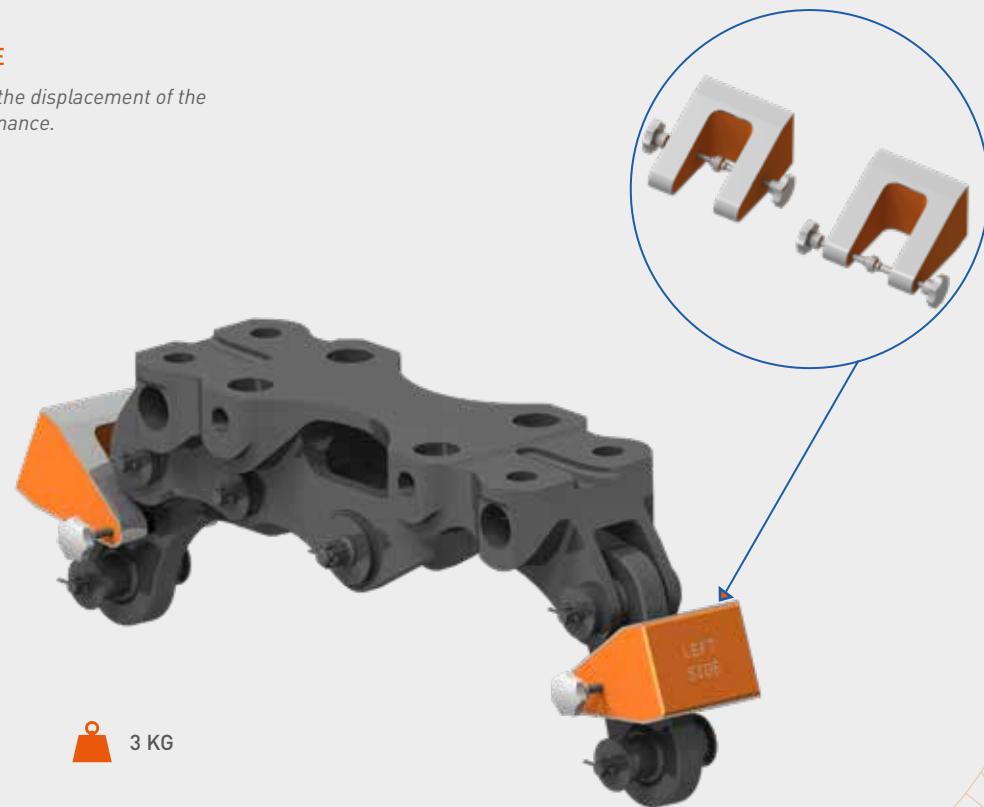
The pictures, measurements, and weights shall be used only as an indication.




PW & CFM BLOCKING DEVICE ENGINE MOUNT AFT

DESCRIPTION - USE

These tools are used to block the displacement of the Engine Mounts during maintenance.



 50 x 50 x 50 cm

 3 KG

29

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

636-1000-32GSE




PW & CFM PIN EXTRACTOR ENGINE MOUNT AFT

DESCRIPTION - USE

This tool is used to extract the AFT Engine Mount pin.



 40 x 40 x 40 cm

 4 KG



636-1000-33GSE

30

The pictures, measurements, and weights shall be used only as an indication.

A320neo GSE TOOLS

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PW 1100



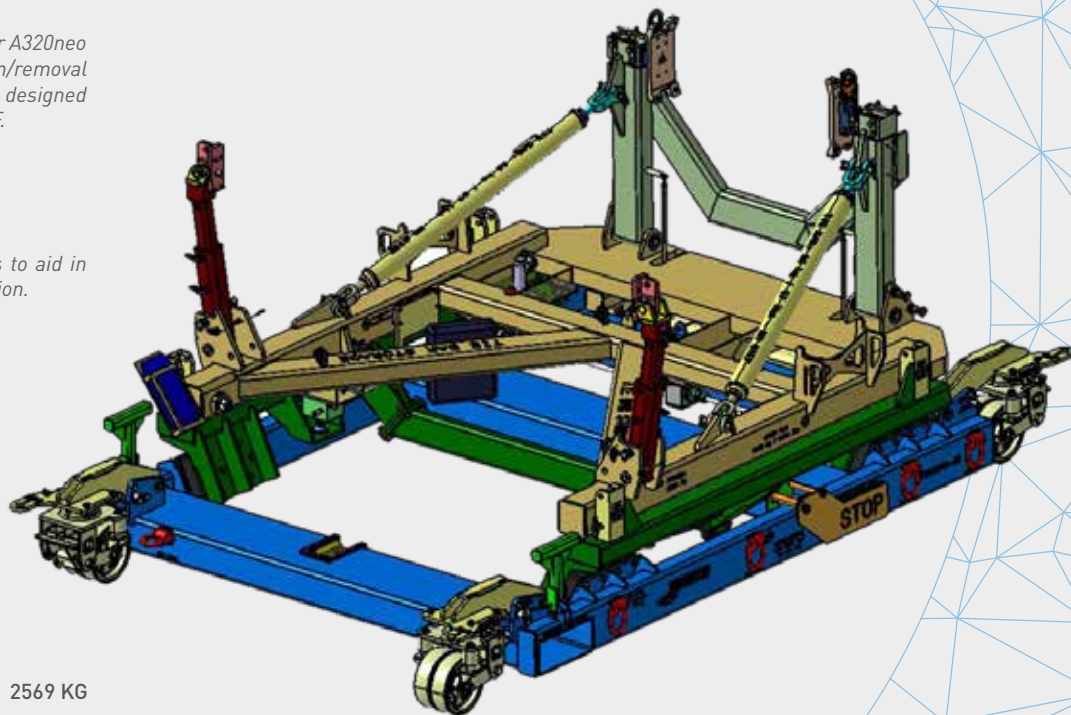
DESCRIPTION – USE

This tool is used to transport the PW1100 for A320neo family. The trolley is used for installation/removal tasks with Bootstrap. The PW1100 stand is designed to do the transportation in the airbus A330F.



TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



393 x 243 x 168 cm



2569 KG



A320 FAMILY TR/ ENGINE ACCESS



DESCRIPTION – USE

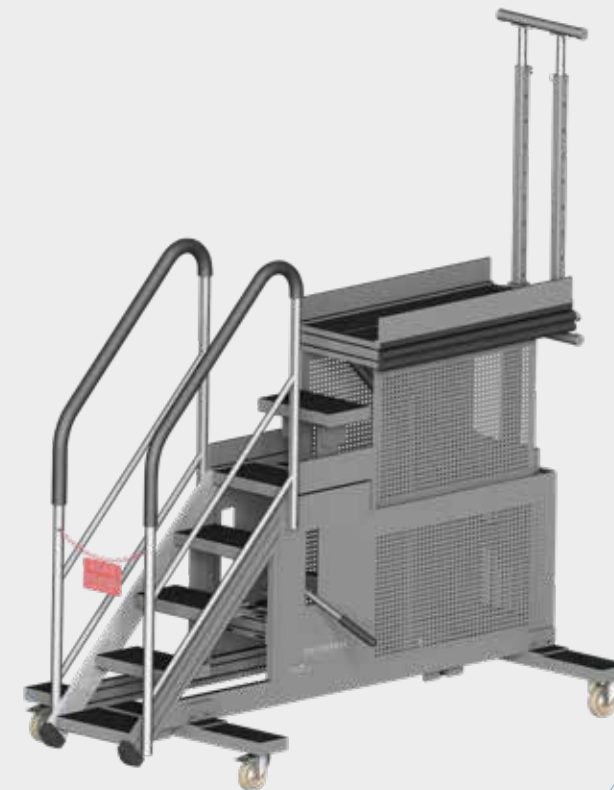
This platform is used to help operators to do maintenance task on A320 CEO and NEO engines, pylons and Thrust Reversers. Its adjustable height, from 1m to 1.5m, makes for a wide range of uses and allows safe and easy utilization for operators.



300 x 160 x 110 cm



560 KG





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