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# ABOUT US

Our experience in the aerospace industry spans across 35 years. ROTAFILO has demonstrated success across all its initiatives and operations, providing our clients with innovative lean solutions to establish new processes, to improve service levels, and to reduce operational costs.

Through intensive research and development programs, we continuously build upon our knowledge and capabilities. Drawing on our expertise, we always strive to find the best solution to fit your specific needs. ROTAFILO personnel possess extensive experience in several areas, including development and production of Aircraft & Engine Tooling, Ground Support Equipment, ATA Spec 300 Shipping Cases, as well as repair and testing.

Our staff has met the highest standards of excellence under all circumstances. ROTAFILO uses custom-design techniques, exclusive tools and metrics to improve customer satisfaction. We guarantee performance and provide customer support at every step of the way. Our commitment is to meet all our customers' targets.



# WHAT WE DO

We are a team united to make a difference and bring new ideas, innovation, and hands-on solutions to the aviation industry.



## AERO ENGINE STANDS

Leading airlines, MROs and lessors count on ROTAFILO when it comes to safely storing and installing/removing the single biggest asset they have, the engine.



## GSE & TOOLING

All our GSE and engine/airframe tooling adheres to all applicable testing and design requirements while keeping costs down and your aircraft up in the sky.



## AEROSPACE SHIPPING CASES

We design and manufacture ATA Spec 300 for all types of transportation and equipment, be it tooling or aircraft parts.



## OTHER SERVICES: LOGISTICS

The shipping services we offer rely on a strong fleet of delivery vehicles, an extensive partner network and a dedicated team specialized in road, sea and air transport.

“

...Quality, speed and an obsession for customer satisfaction are the core values that define ROTAFILO...

”

# BUSINESS UNITS



## Engine Transportation Stand

Our engine stands ensure the reliability and safety of your most valuable assets during removal, installation and transportation of your engines. ROTAFILO's engine stands meet all of the necessary industrial standards and OEM requirements for transportation and removal/installation operations.



## Ground Support Equipment

ROTAFILO offers you all the GSE you need for your routine maintenance. Beyond your standard equipment (tow bars, service carts, fluid dispensers, etc.), our team of engineers is here to come up with the state-of-the-art solution you are looking for.



## Airframe & Engine Tooling

Thanks to our extensive manufacturing capabilities and engineering know-how, we are the supplier of choice for airframe and engine tooling. From maintenance to overhaul and assembly/disassembly operations, look no further for all your tooling requirements.



## Service

We do not just look after requisitions and orders of our customers. ROTAFILO ensures that you are taken care of throughout the whole product's life cycle, offering repairs, calibration and testing for all the tooling and equipment that we supply.



## Aerospace Shipping Cases

When traditional packing and crating cannot meet your demands, we offer our custom-made shipping cases for both tools and aircraft/engine parts. Every ATA Spec 300 shipping case that we make is engineered and manufactured to protect your cargo and to make transportation as safe and as cost-efficient as possible.





# ENGINE TRANSPORTATION STANDS

ROTAFILO is a leading supplier of aero engine transportation stands to the major MROs, airlines, and leasing companies of the world. Our stands are specifically designed to perfectly meet your operational needs and your budget targets. We fully stand behind our product and guarantee our stands with a three-year warranty, whereas competitors only go so far as one or two years. We specialize in worldwide shipping and you can take advantage of our stock locations at our HQ in Turkey and at our warehouse in Atlanta, GA USA.

# ENGINE TRANSPORTATION STANDS CONT'D

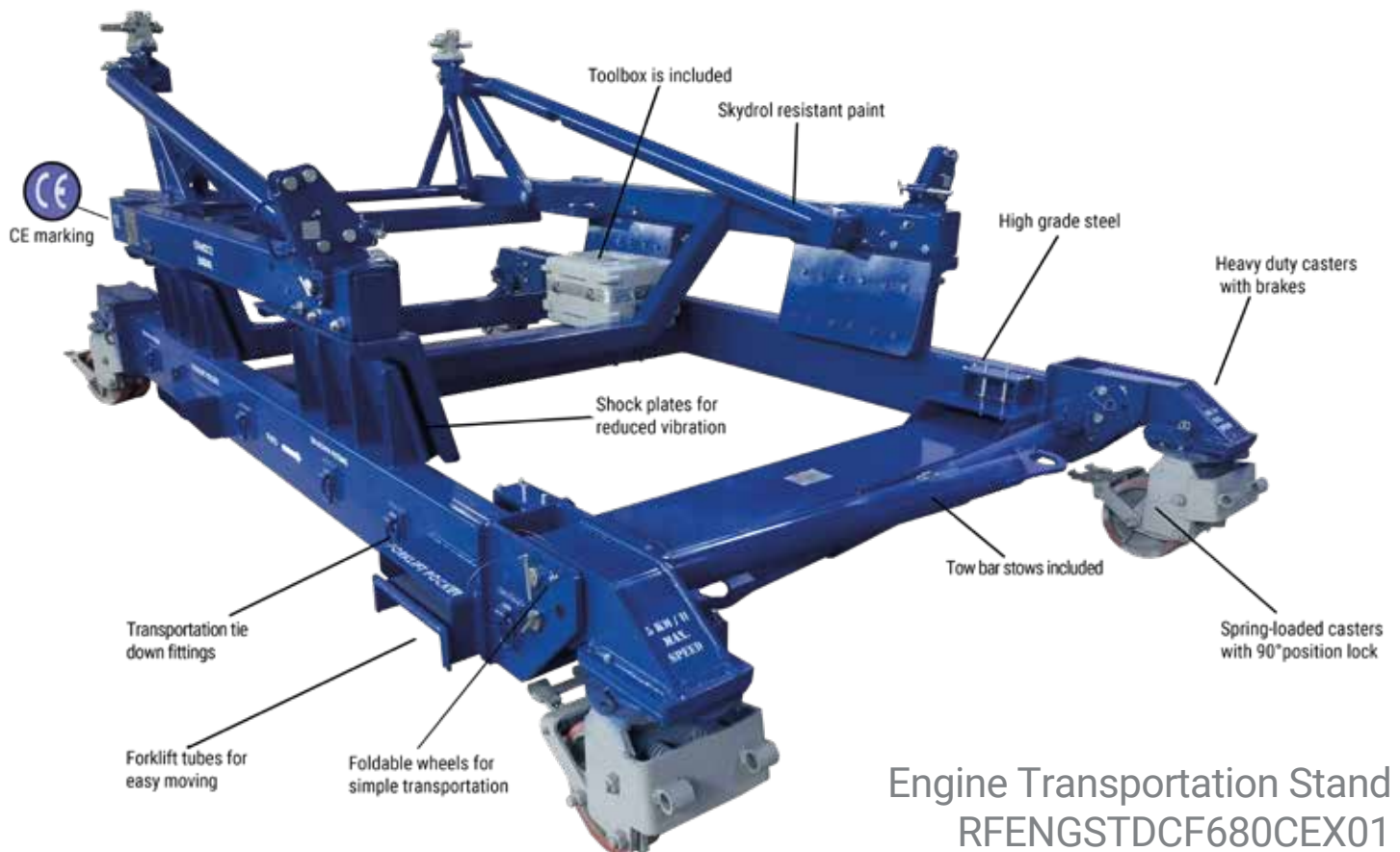
ROTAFILO engine transportation stands: features and specs

## Aero-engine stands for fleet type:

- B727, B737, B747, B757, B767
- A300, A310, A318/319/320/321, A330, A340
- MD-11, MD-90
- DC-9/10
- E-190/195

## QA & Compliance:

- ISO 11241
- SAE ARP 1840
- CE marking
- Fully traceable
- MFR CofC and load testing





## GROUND SUPPORT EQUIPMENT

Whether it be for line or base maintenance, our customers can rely on our wide range of reliable and user-friendly GSE tailored around the needs and convenience of airlines and maintenance facilities around the world. Spare parts are always available in stock to ensure that the products are fully serviceable at all times. Professionals trust us first and foremost for our dedication, quality and precision in every detail.

No product is allowed to leave the assembly line without undergoing rigorous testing under the most demanding operating conditions. Compliance to the highest standards of safety, reliability, functionality and longevity always takes the front seat.



## TIRE & BRAKE DOLLY

Our designs offer an effective solution for the quick and safe removal/installation of aircraft wheels and their related brake pads. High maneuverability is a major feature to ensure an easy operation.



## FLUID DISPENSERS

Durable, lightweight and highly portable, our 2-, 5-, and 15-gallon fluid dispensers are designed to contain all types of fluids common with aircraft maintenance, namely Skydrol, engine oil, and hydraulic fluid.



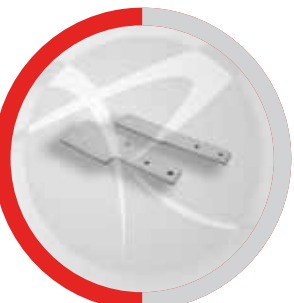
## TOWBAR

Look no further than our towbar for allowing your ground crew to safely and effectively push, pull and reposition the aircraft as needed. It is designed to withstand the forces of pushback and towing operations when attached to the nose landing gear of the aircraft.



## WHEEL CHOCKS

With its excellent grip and stability and manufactured from high-quality rubber material, our wheel chocks can be used to ensure the proper parking of virtually any aircraft, be it corporate jets, small aircrafts, military, and commercial aircrafts both narrow- and wide-body.



## SCRAPERS

Our scrapers are ideal for removing sealants and adhesives without damaging the underlying surface of your aircraft or any other related surface where scratching is not allowed. Thanks to their non-sparking properties, they are safe for use next to flammable products.



# ENGINE TOOLING

ROTAFILO has a proven track record in manufacturing, which enables us to deliver timely and high-quality tooling at a competitive price.

We offer all types of aircraft engine maintenance tooling for major aircraft applications: from on-wing support to line and heavy maintenance.

Our customers choose ROTAFILO for our precision and reliability when it comes to the most valuable asset of the aircraft. Look no further than ROTAFILO, your best solution to your aero engine tooling demands.



## Support Pedestals & Storage Equipment

Made of an extremely sturdy and robust construction, your engine will be safely held up by our pedestals for long-term storage or for heavy maintenance.

# ENGINE TOOLING CONT'D



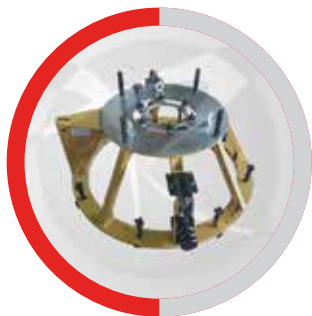
## Bootstrap Kits

A key component in the repair and maintenance of your aircraft, it is used to ensure safe engine removal/installation making it easier to perform engine changes. ROTAFILO is here to offer you the precision and accuracy you need in one of the most important maintenance checks with our bootstrap kits.



## LPT and HPT Module Stands

We go all the way when it comes to stands and support structures, proving the module stands you need for the most critical heavy component maintenance you can do on your engine.



## Assembly and Disassembly Tooling

For your heavy maintenance needs and for any minor or major overhauls that require you to almost completely dismantle the engine, our assembly and disassembly tooling can take you all the way there and back to a serviceable powerplant.



## Lifting Beams

Doing maintenance on your engine is just as crucial as handling the engine during any type of transportation or movement in or outside the hangar. That's where our engine beams come in handy whenever you need to lift and/or rotate the powerplant.

# AIRFRAME TOOLING

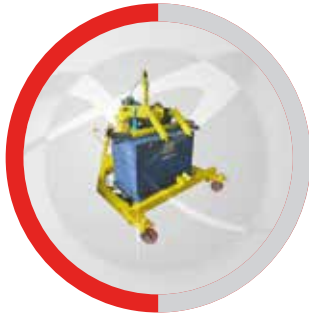
Just as important as engine tooling, we rely on our top quality and engineering prowess when it comes to the airframe of your aircraft.

The thousands of tools we manufacture annually support the needs and activities of MROs and airlines located in every corner of every continent.

Our expertise spans the whole range of airframe tooling possible, from a simple wrench to a repair tower. Our pricing power coupled with the superior quality we've become known for make ROTAFILO the obvious choice for you and your customers.



# AIRFRAME TOOLING CONT'D



## Removal & Installation Equipment

ROTAFILO is dedicated to providing a complete product line for servicing the most critical components of the aircrafts, chiefly the landing gear and engine.



## Safety Devices

Safety is always the primary concern when you're doing maintenance, which is why we always help our customers ensure a safe operation with our safety equipment, from warning systems, safety barriers, release valves and more.



## Avionics

Our avionics tooling ensures that the electronic systems on board are tested and properly calibrated to keep your plane flying.



# SERVICES

We provide full-service for each and every one of our products, including the supply of spare parts. We offer the maintenance, repair and overhaul of all your Ground Support Equipment (axle jacks, tripod jacks, tow bars, cradles, transportation cars, trucks, lifts, trailers, carts, power units, stairs, dollies, and more) and airframe/engine tooling. Any service required is performed either on-site at ROTAFILO's manufacturing and testing facility or, depending on the logistical and operational requirements, at the customer's premises. Our service capabilities are without exception, covering electronic, mechanical, pneumatic, and hydraulic systems.



## CALIBRATION

Whether it be for electronic or mechanical equipment, we have the capability to calibrate and certify all the measuring devices that you need for the accurate reading of critical values (e.g. force, pressure, resistance, and deformation) during operation.



## LOAD TESTING

It is not uncommon for most GSE and tooling to be due for periodic load testing or recertification after repair, upgrade, or significant wear. Having all the necessary test jigs to carry out the required load tests, our load testing capacities extend to large and heavy tooling such as engine stands, bootstrap kits, engine beams, jacks, and more.



## REPAIRS

As a major tooling MFR and supplier, we have all the necessary technical data to carry out repairs on damaged tools as per the applicable standards and specifications. All our repairs are validated through thorough visual and dimensional inspection on top of the rigorous mechanical and/or electrical testing that all certified repairs must go through.



# ATA SPEC 300 CASES

Our BilKaCase ATA Spec 300 meet the requirements of the Air Transportation Association Spec 300 Category I & II. They are water-resistant, dust-proof, and resistant to repeated impact and shocks.

Our cases are built for: rotables, IDGs, batteries, avionics equipment., cabin & cockpit windows, airframe and engine components, heat exchangers, brake units, hazardous materials and dangerous goods.

BilKa Case is simply the best protection you can buy to secure your components during handling and transportation.

# QUALITY

Rotafilo is an AS/EN 9100 Rev.D certified company with a wide scope of work.

- 6 Sigma
- 5S
- Kaizen

All work stations and inspection area comply with industrial standards. Weld operation and inspection fully comply with AWS D1.1/D1.1M.

We make sure our products and services meet the required aviation standards. Rotafilo implements various quality initiatives in order to have world class products so that we will be able to maintain customer satisfaction and loyalty.

Rotafilo maintains the highest quality standards for our products and services. We continually inspect, evaluate and monitor all our designs, productions, maintenance and repairs, as well as ensuring that all operations are conducted in accordance with defined engineering standards and operating procedures.

We adhere to many product-specific standards, including but not limited to:

- MIL standards
- ANSI standards
- ARINC standards
- ARP standards
- EN standards
- ISO standards
- ASME standards
- NASA standards
- SAE standards



## Certificate of Registration

QUALITY MANAGEMENT SYSTEM - EN 9100:2018 AND ISO 9001:2015

This is to certify that:

Rotafilo Savunma Havacilik ve Enerji  
Teknolojileri San. ve Tic. Ltd. Sti.  
Cadde No : 18  
OSB 6.  
Odunpazari  
Eskisehir  
26110  
Turkey

Holds Certificate Number:

FM 567102

and operates a Quality Management System, which complies with the requirements of EN 9100:2018 (technically equivalent to AS9100D and JISQ 9100:2016) and ISO 9001:2015 and is assessed in accordance with EN 9104-001:2013 for the following scope:

**Design and manufacture of ground support equipment, maintenance tooling, test equipment and cabin interior products via precision machining and plastic forming for the aerospace industry.**

For and on behalf of BSI:

  
Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 2010-11-08

Issue Date: 2022-10-21

Reissue Date: 2022-10-21

Expiry Date: 2025-10-20

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...making excellence a habit.™

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