

IDEAL TRUCK

Special trucks & ground support equipment

Our organization offers a variety of ground support equipment such as, wheel and brake dolly, wheel and brake changer, wheel well and main landing gear stands, engine and multipurpose stands, inlet cowl dolly, nitrogen carts, tool kit and much more.

We are also specialized in the equipment of maintenance van and in repair and refurbishment of customer's equipment.

Every product is designed and realized to satisfy client's requirement.

Maintenance van

Internal equipment of van on customer's request for transport of maintenance equipment, wheels, GPU, nitrogen bottles

Wall covered with aluminum, trays, shelves, generator, air compressor, internal illumination, loading ramp.



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Wheel & brake dolly - v1

Lowering hydraulic rear-wheel allows easier loading of the lift jack and wheel

Lever winch which allows the wheel loading without the use of the lift

Rear platforms can be used for the transport and loading of materials and equipment such as brake box

On request roller for nitrogen tube and box for pressure gauge

Available with gear box for torque wrench or wheel change equipment (2 nitrogen bottles or 1 nitrogen bottle plus gear box)

On request your equipment can be placed inside the dolly



Wheel & brake dolly - v2

Lowering of the hydraulic rear-wheel allows easier loading of the lift jack and wheel

Lever winch which allows the wheel loading without the use of the lift

Rear platforms can be used for the transport and loading of materials and equipment such as brake box

On request roller for nitrogen tube and box for pressure gauge

Available with gear box for torque wrench or wheel change equipment (2 nitrogen bottles or 1 nitrogen bottle + gear box)

On request your equipment can be placed inside the dolly



Wheel & brake changer

Movement with crank handle which allows a more easier lifting than the hydraulic one

Step roller adjustable in width for the use of the brake changer cradle

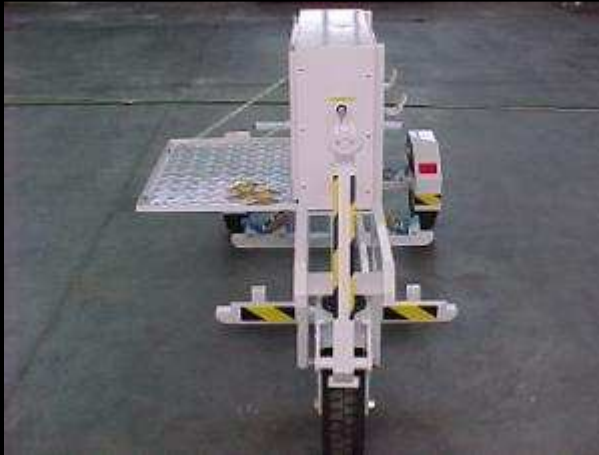


Nitrogen cart - v1

Allows the transport of two nitrogen bottles

Gear box with pressure gauge

Ball/ring coupler



Nitrogen cart - v2

Allows the transport of two nitrogen bottles

Gear box with Gear box with pressure gauge

Ball/ring coupler



Wheel well stand

The platform is realized in steel and provided with tanks for fluids collection which flows in hoses with drain valves

The operational plan remains clean in case of liquid leakage

Towable platform with locking wheels for towing

Platform and stairs in galvanized steel anti corrosion



Multi purpose stands

Towable maintenance stands

Structure realized in galvanized steel anti-corrosion

Lateral and front fall protection deployable

Front feet stabilizers

Buffer protection



Engine stands

Stand for engine inspection

Supplementary vertical step

Galvanized steel anti corrosion

Available also in painted steel



Inlet cowl dolly

Realized in cooperation with our customer aircraft operators

Structure entirely realized in aluminum

Longitudinal sliding plates which allows the fit of each type of engine

Deployable for the transport

Belts for fixing to the structure itself



Leg rest

Realized in cooperation with an Italian commercial air operator in order to comply with Flight Time Limitation regulation.

In order to extend the Flight time limitation of both cabin and flight crew a rest period is required onboard the aircraft.

After analysis was determined that the best solution to provide a crew rest area would be the introduction of a leg rest on the existing seats.

This evaluation took into consideration the best way to ensure comfortable crew rest area without introducing a prohibiting economical burden to the Company.

The leg rest assembly is made of two main parts, the support and the leg rest itself.

The support is secured to the seat using the baggage bar.

The adjustable leg rest is attached to the support structure. A leg installed on the FW side of the leg rest helps to sustain the assembly.



Tools kit

Tool kit for strut inflation

Tool kit for test fan air temperature



Refurbishment wheel & brake changer

Before



After



Refurbishment wheel & brake changer dolly

Before



After



Refurbishment wheel & brake changer dolly



Refurbishment Wheel & brake changer dolly

Before



After

