



See Alligator
in action:
[bit.ly/mototok-
alligator](https://bit.ly/mototok-alligator)



Mototok Alligator 4000 Superflat

The world's lowest towbarless tug –
with an underride height
of only 149 mm (5.87 inch)

Extremely flat – extremely efficient.
For wheeled helicopters
with extremely low ground clearance.



FULLY ELECTRIC
DRIVE



UNDERRIDE HEIGHT
ONLY 149 MM



REMOVEDLY
CONTROLLED



NEW AUTOMATIC
NOSEGEAR
CLAMPING SYSTEM



HANDS FREE
LOADING WITH A
TAP ON THE RC



Mototok Alligator 4000. Extremely flat. No Problems with Equipment under the Helicopter.

The Alligator is a further development of an excellent idea. With a height of only 149 mm in the area of the nose wheel platform, the new Mototok Alligator 4000 is certainly one of the lowest industrial trucks in the world. Even tools such as FLIRs, cameras and radar systems can be easily passed underneath with the Mototok Alligator.

The aim is to create the largest possible collision-free space for free turning under the aircraft. To achieve this, our engineers have done a great job. By moving all the hydraulics to the outer areas, the overall height of the bridge could be reduced even further. At the same time, the space under the aircraft to be loaded could be widened.

Bringing the Mototok towards the helicopter



Pick up the nose wheel of the helicopter



Lifting the nose wheel for manoeuvring



Easy-to-use.

Docking takes a matter of seconds. Simply drive the Mototok Alligator up to the nose wheel and press a button on the remote control. The wheel is then hydraulically fixed firmly in position and raised – ready for take off! All this with no awkward strap, no inconvenient winch. No bolts or tools are required.

- Radio remote controlled operating under an industrial frequency code approved for airports.
- Automatic connection to the aircraft's nose wheel with one click.
- No straps, no winch, no tools required.
- Extremely low height for aircraft with fuselage mounted equipment such as cameras, FLIR, RADAR, etc.

The 200 mm lift height allows the Mototok Alligator to be easily rotated under the mounted equipment for comfortable and safe manoeuvring of the helicopter.



Technical Data

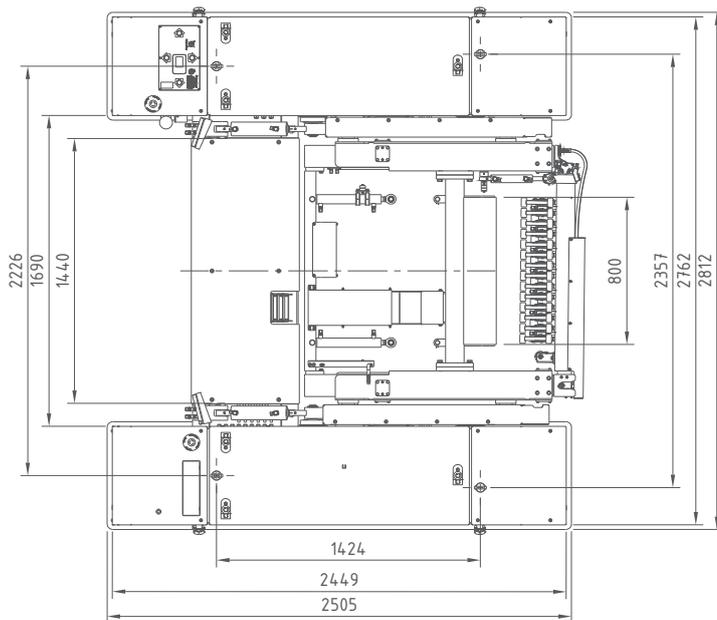
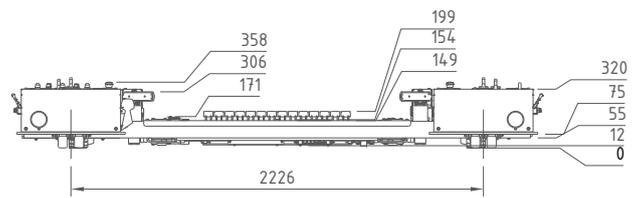
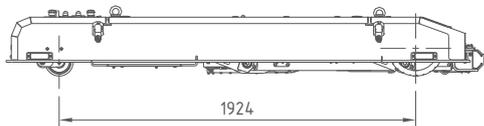
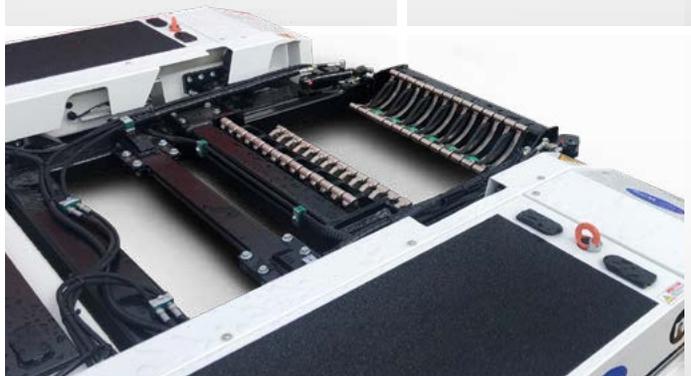
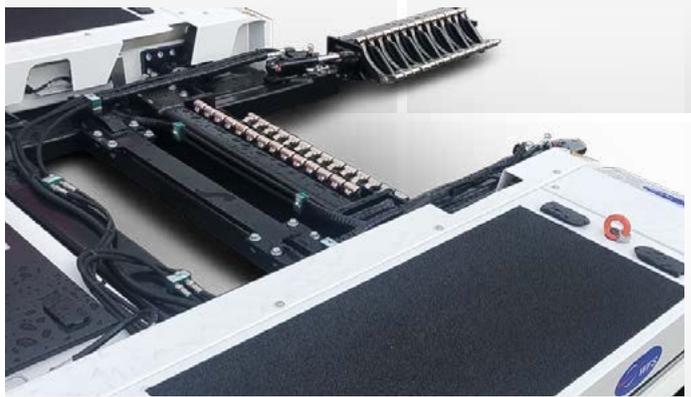
Work in progress. All information under reservation.

Alligator 4000

Use for single & double nosewheel,
wheeled helicopter



Maximum towing capacity	50 t 110231 lbs
Maximum nosewheel weight capacity	3.5 t 7720 lbs
Dimensions (without antenna, grips, etc. on the surface)	width 2812 mm 110.71 inch
	length 2505 mm 98.62 inch
	height 320 mm 12.60 inch
Maximum lifting height (customizable)	up to 200 mm 7.87 inch
	Maximum height on centerline 149 mm 5.87 inch
Max width of the nosewheel	800 mm 31.50 inch
	Diameter of the nosewheel (Depending on rehearsal and configuration)
Possible terrain	Concrete, stone
Tyres	Puncture-proof tyres
Advanced radio remote control with safety features, waterproof, certification of conformity, worldwide safety approval including airports, TÜV certified	TÜV
Mistakes and technical alterations reserved. All technical data are provisional.	Date 09.2023



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