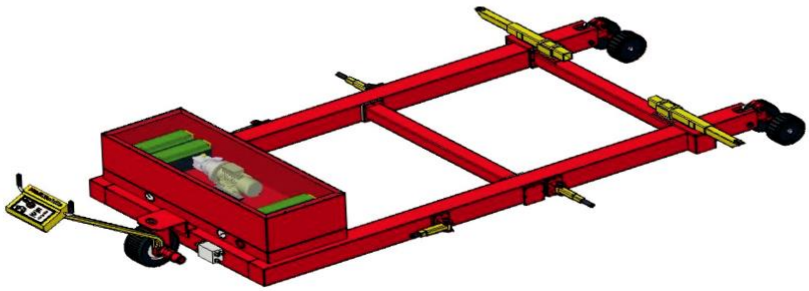
HELIOS

HM-5500



"For Safe and convenient movement of skidded Helicopters"

Contact Us :

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TECHNICAL SPECIFICATION

SL	PARAMETER	SPECIFICATIONS
1	Structure	C-frame fabricated in square tube of heavy section
2	Clamping Mechanism	Manual mechanical calming system having four clamps For securing the C-frame to the helicopter skid frame.
3	Mobility Mechanism	One 450 mm dia. traction pneumatic tyred wheel in front and Four 150 mm dia rubberized wheels at rear.
4	Drive Mechanism	Hydro motor directly coupled to traction wheel through bell housing.
5	Lifting Mechanism	Through Hydraulic lifting cylinder having a stroke of 180mm
6	Braking Mechanism	Braking is provided hydraulically Additionally braking is also provided through an external manual mechanical brake for sager while in parking condition
7	Steering Mechanism	Standard : Manual Optional : Power Steering
8	Power Pack	Hydraulic power running on 7.5 KW 24/48 VDC
9	Battery / Charger	Battery Back-up for 1.5 hrs nonstop working with in-built Battery Charger
10	Controls	Control panel with controls in handle for operations
11	Operating Temp Range	-40’ C to 90’ C
12	Max Weight Capacity	5500 Kgs.
13	Max Linear Speed	0 to 5.00 km/Hr
14	Max Travel per cycle	0.50 Km
15	Time for the max Travel	10 Minutes
16	Max Vertical lift for clearing the ground	180 mm.
17	Terrain / Ground Quality	Faily level, like a Tarred surface
18	Overall Dimensions	6500 mm (L) 3000 mm (W) 1400 mm (H)
19	Approx. Weight	1500 Kg

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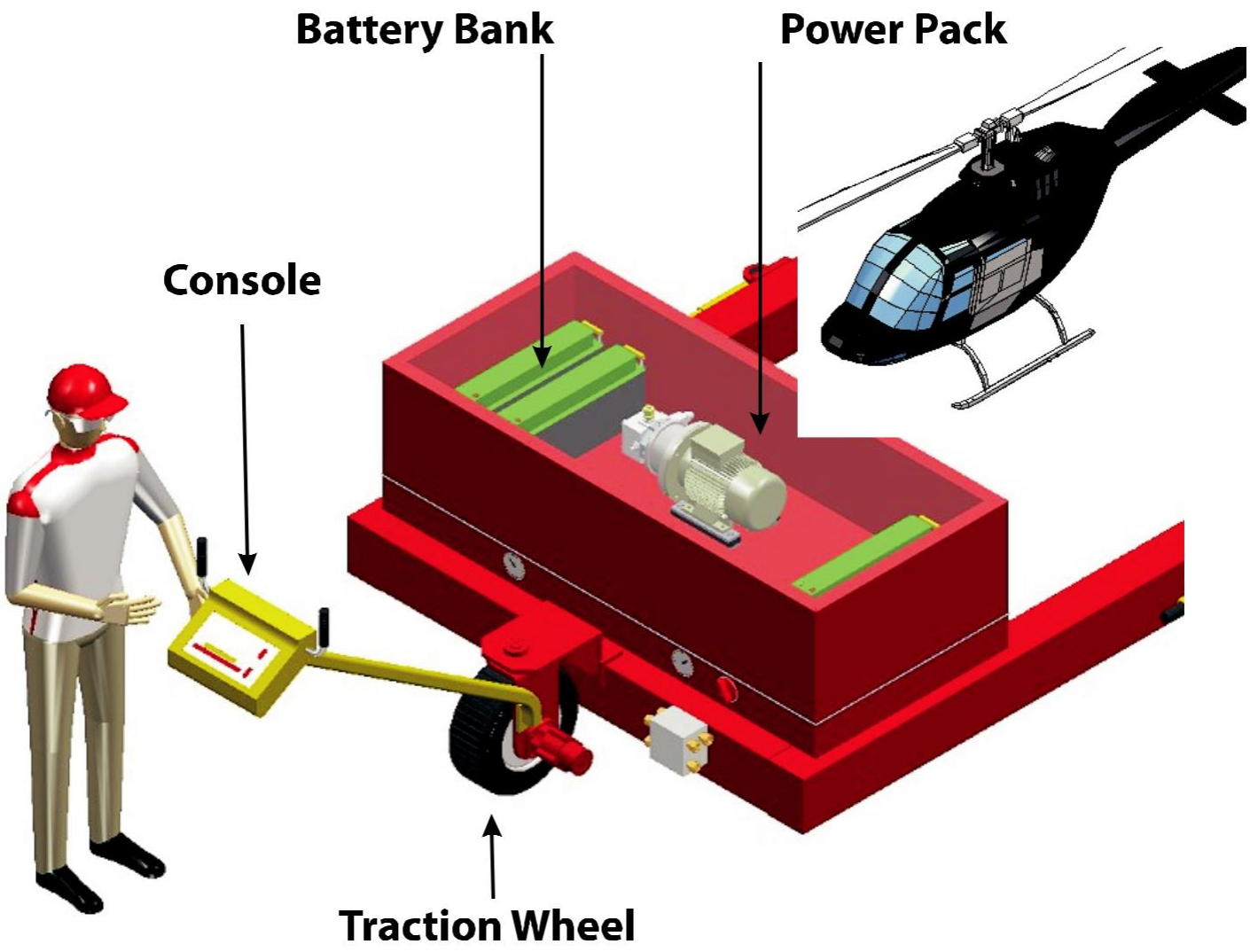
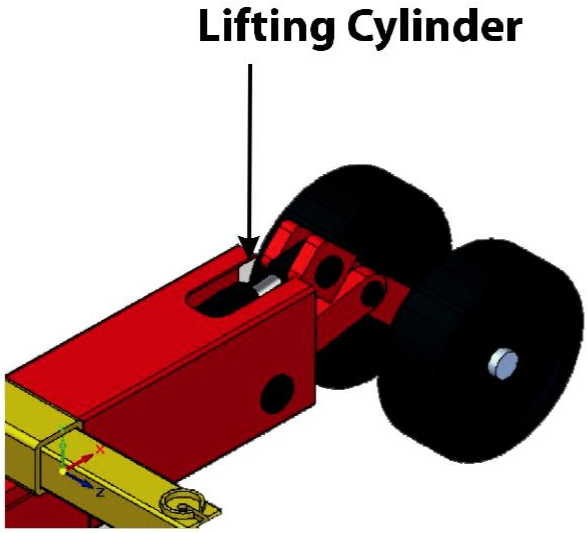
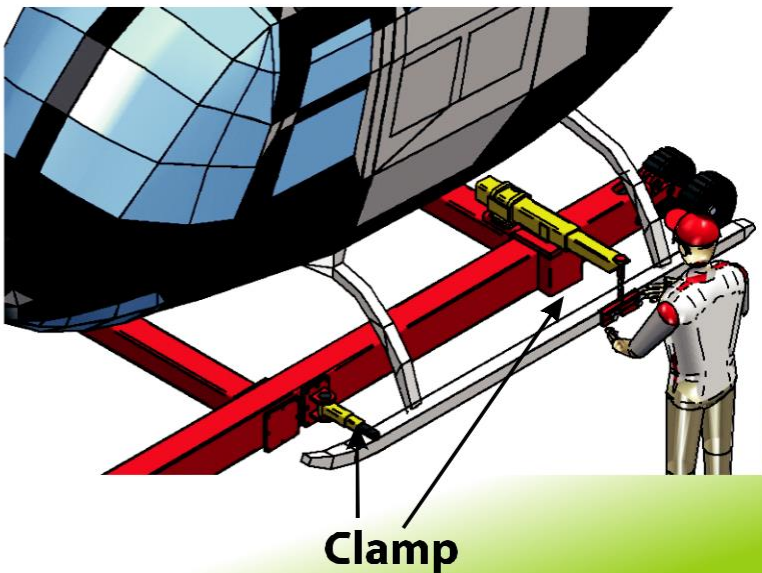
CONSTRUCTIONAL FEATURES







Operation Sequence

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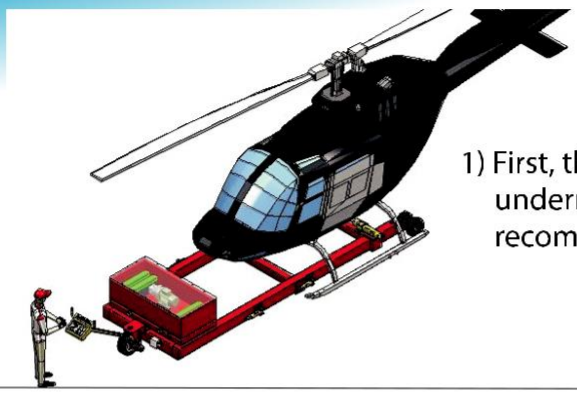
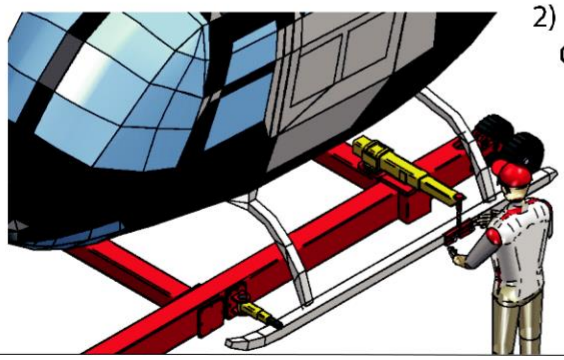
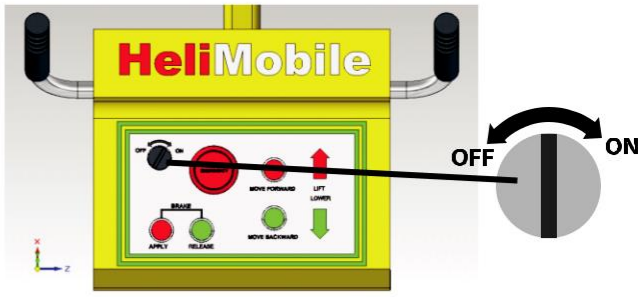


1) First, the Helios HeliMobile is aligned underneath the helicopter at the appropriate recommended location.

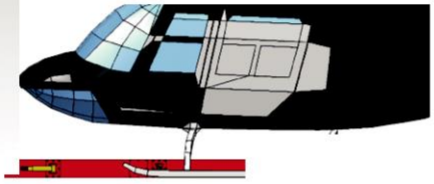


2) Next, the Four clamps are manually secured to clamp the C-Frame of the HeliMobile® to the skid frame of the helicopter.

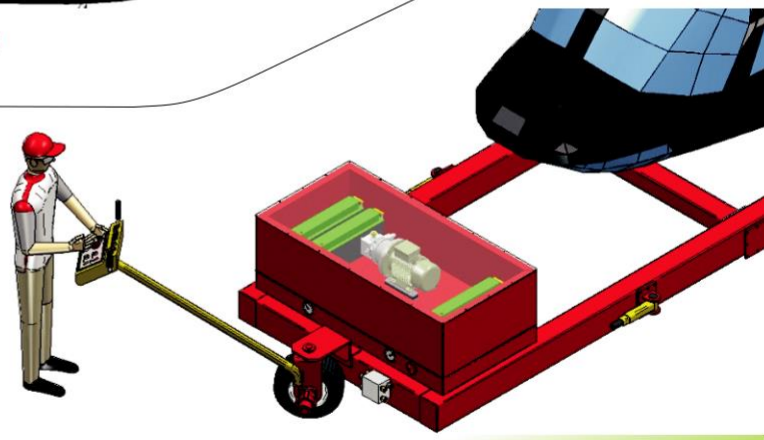
3) The HeliMobile® is turned "ON" by operating the "START" switch.



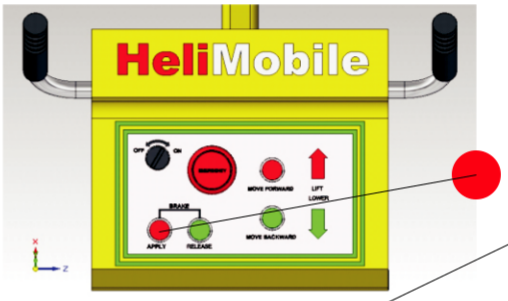
4) Operating the Control Switch in the handle-mounted control pendant, first the helicopter is raised clear off the ground.

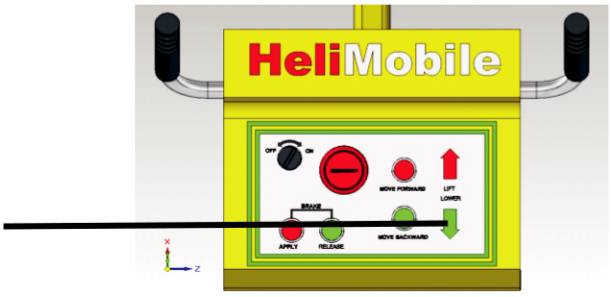


5) Next, continuing to operate the Control Switch on the pendant, the HeliMobile® is set in motion and transfers the raised helicopter to the required location using the long handle and the steering arrangement.

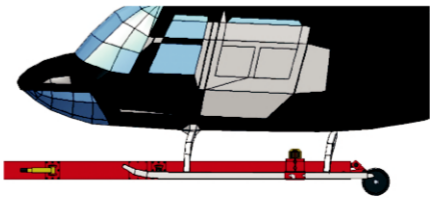


6) After moving the raised Helicopter to the required location, the manual safety brake is applied, ensuring no further inear movement of the Helicopter.

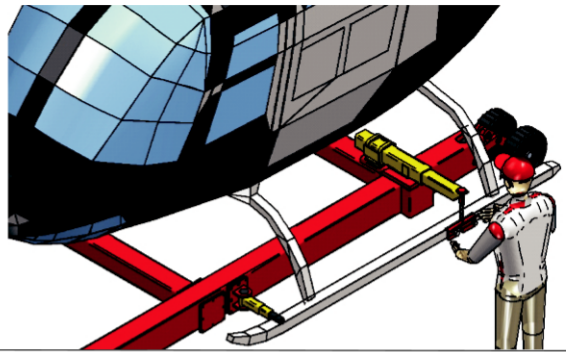




7) After applying the safety brake, the Helicopter is lowered to the ground at the required location by using the Control Switch in the handle pendent.



8) The clamps are disconnected from the Helicopter skids.



9) Finally the HeliMobile® is moved away from the Helicopter to its original location or any other appropriate location.

All the above listed operations can be easily and satisfactorily performed by a single trained person, thus resulting in a saving of time and manpower to yield greater productivity.

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- **"Stop using cumbersome, high-manpower and time-consuming Wheel-Jack Assemblies for transporting your Helicopters"**

- **" Go for the smarter, faster, easy-to-use Helios HeliMobile"**