



THE ONLY CERTIFIED & OPERATIONAL ALTERNATIVE
TAXIING SOLUTION
GREEN REVOLUTION IN AIRPLANE TAXIING



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The **TaxiBot®** is a unique proven and certified solution ready to bring both ecological and economical ground operation savings to airlines and airports. The TaxiBot® is a semi-robotic hybrid dispatch towing system designed for taxiing airplanes from the boarding gate to the takeoff runway without using its engines power.

- Pilot controlled taxiing without engines running
- 85% reduction of fuel and air pollution
- Major fuel savings for airlines
- Compatible with all existing and future single- and twin-aisle airplanes
- Improves airport efficiency at gate area
- 50% FOD and noise reduction
- Extremely good feedback from pilots and captains

TaxiBot® Principles:

- Pilot uses airplane tiller and brakes (transparent to pilot as in regular taxiing)
- Pushback operation and procedures performed by the TaxiBot operator
- Immediate taxiing after pushback, eliminating bottlenecks in the gate area
- Airplane engines start shortly before takeoff and not at the gate
- Taxiing with fully loaded aircraft at current airplane taxiing speed (23 knots)

TaxiBot® Financial & Economic Benefits:

- Major fuel savings
- Major reduction of the greenhouse gases, noise levels at airports and 50% FOD
- Increase airport efficiency throughout all gates

TaxiBot® Innovative System Features:

- No modification in airplane systems, no extra weight
- No need for APU replacement
- No added weight to the airplane and no reduction in cargo space
- User friendly speed and steering control
- Protection of the Nose Landing Gear from exceeding maximum allowed fatigue load at all times.
- No utilization of aircraft resources for moving the airplane as the TaxiBot® uses its own power
- In-line steering at all times
- Short e-training (CBT) for the pilot
- Increased traction and improved safety on slippery or icy surfaces
- Major safety improvement in pushback and maintenance towing

TaxiBot® Certifications:

- EASA, FAA,
- Indian DGCA, CAAI and CAAC
- In operations since 2014



Partners to the TaxiBot® program,

Concept Owner:



Industrial Partners:



Support Partner:



Technical Partner:

