

Perfect COMBination

The release of the **COMBO** is the fruition of 15 years of experience which DTA has in the design and construction of all-terrain trikes.

You will find in the COMBO all the comfort and technical excellence, which is the "marque" of DTA Trikes.

❖ Comfort :

Two new even more comfortable seats

- Adjustable Pilot's seat (three positions) and front wheel assembly (2 positions) for pilots of all sizes

- Adjustable multi-position foot pegs for the passenger

Boarding has been made even easier and the ergonomics have been improved

❖ Reliable and Robust

Don't be fooled by its appearance! The rear suspension is constructed of Zicral (7075) and the airframe of aeronautical steel 25CD4S. Thanks to this innovative approach the airframe is amazingly strong yet incredibly light.

❖ Simplicity: a design - truly refined

Thanks to CAD (Computer Aided Design) it has been possible to optimize each

part, each bracket and reinforcing gusset and to even remove unnecessary joints. Certain gussets were able to be incorporated into the profile to preserve its simple yet fluid lines.

en N.mm ²	Tensile strength	Breaking point
Dural 6061T6	270	310
Zicral (7075)	490	560
Stainless Steel(304)	290	630
25CD4S	520	780

DTA offers you a trike with multiple options so that you can personalize your COMBO to your taste. Buy the base version at an exceptionally attractive price, and you can later add fairing to your COMBO or even a 4-stroke engine.

The COMBO is available with any DTA wing and with your choice of engine. These include the ROTAX 503, 582, 912 or 912 ULFR or the HIRTH 3503E.

Our COMBination of new ideas...

COMBO

Technical specifications ...

Engines Rotax	503 C	582	912/S
Engine – rated power	50 cv	64 cv	80/100 cv
Gearbox Ratio	C 3,47	C 3,47	1/2.2.43
Propeller DUC	3 blades.	3 blades	3 blades
Exhaust Silencer	yes	yes	
Fuel Capacity	2 X 25 L	2 X 25 L	2x25 L
Digital Engine Instrumentation:			
- Tachometer & Engine Hour	yes	yes	yes
- Water Temperature Gauge	-	yes	yes
Suspension: Zicral strut	yes	yes	yes
Train : 3 tyres 15x600x6" 6 ply	yes	yes	yes
	1,66 m	1,66 m	1,66 m
Trike wheel-base	1,72/1,78 m	1,72/1,78 m	1,72/1,78 m
Overall trike width	1,80 m	1,80 m	1,80 m
Height with Wing D450 & D15/430	3,50/3,70 m	3,50/3,70 m	3,50/3,70 m
Overall trike length	2,60 m	2,60 m	2,53 m
Empty Weight without wing	112 kg	122 kg	147/150 kg

Tests supervised by Bureau Veritas at an ultimate load +4,5g
6g & 472,5 kg



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... The **COMBO** ... a surprise, a delight!

choose your DTA's wing

Dynamic 450

ENGINE	Rotax 503 C	Rotax 582 C	Rotax 912S	Hirth 3701ES
Empty weight : trike + wing	171 kg	181 kg	209 kg	203 kg
Pay load	279 kg	269 kg	241 kg	247 kg
Pay load with chute	285,5 kg	275,5 kg	247,5 kg	253,5 kg
Maximum speed (level flight)*	115 km/h	125 km/h	130 km/h	130 km/h
Cruising speed	80 km/h	90 km/h	100 km/h	100 km/h
Minimum speed *	52 km/h	53 km/h	55 km/h	55 km/h
Ground roll *	80 m	75 m	70 m	70 m
Climb rate *	3,5 m/s	5 m/s	6,5 m/s	6,5 m/s
Landing distance (dry) *	70 m	70 m	70 m	70 m
Minimum sink rate *	2,3 m/s	2,6 m/s	2,8 m/s	2,8 m/s
Fuel consumption @ *	13 L à 80 km/h	12,5 L à 85 km/h	10 L à 90 km/h	11 L à 90 km/h
Finesse à 70 km/h	8,4	7.5	7	7

Dynamic15/430

ENGINE	Rotax 503 C	Rotax 582 C	Rotax 912S	Hirth 3701ES
Empty weight : trike + wing	166 kg	176 kg	204 kg	198 kg
Pay load	264 kg	254 kg	226 kg	232 kg
Maximum speed (level flight)*	120 km/h	130 km/h	143 km/h	143 km/h
Cruising speed	90 km/h	90 km/h	110 km/h	110 km/h
Minimum speed *	53 km/h	54 km/h	56 km/h	56 km/h
Ground roll *	80 m	75 m	65 m	65 m
Climb rate *	3,5 m/s	5 m/s	6,5 m/s	6,5 m/s
Landing distance (dry) *	70 m	70 m	75 m	75 m
Minimum sink rate *	2,6 m/s	2,9 m/s	3,2 m/s	3,2 m/s
Fuel consumption @ *	13,5 L à 80 km/h	12,5 L à 85 km/h	10 L à 90 km/h	11 L à 90 km/h
Finesse à 70 km/h	7,5	6.7	6	6

Dynamic 16/430

ENGINE	Rotax 503 B	Rotax 503 C	Rotax 582 C
Empty weight : trike + wing	159 kg	166 kg	176 kg
Pay load	271 kg	264 kg	254 kg
Maximum speed (level flight)*	113 km/h	115 km/h	120 km/h
Cruising speed	75 km/h	80 km/h	90 km/h
Minimum speed *	52 km/h	52 km/h	53 km/h
Ground roll *	85 m	80 m	75 m
Climb rate *	3 m/s	3,5 m/s	5 m/s
Landing distance (dry) *	70 m	70 m	70 m
Minimum sink rate *	2,3 m/s	2,3 m/s	2,6 m/s
Fuel consumption @ *	12,5 L à 75 km/h	13 L à 80 km/h	12,5 L à 85 km/h
Finesse à 70 km/h	8.4	8,4	7.5