



DG Flugzeugbau

# *DG-1001 M*



*Self-launching double-seater – for highest demands in performance and comfort.*

- The DG-1001M is equipped with the new SOLO 2625 02i engine
  - Electronic fuel injection for better performance, reliability, lower fuel consumption and smoother engine operation
  - Increased power of 50 kW (68 hp) for safe self-launches
- The engine suspension using 3 shock mounts in combination with 5 V-belts assures a low vibration level which is unprecedented in a selflaunch motor-glider.
- The wear of power-plant and glider parts is reduced dramatically due to the lower vibration level
- Easy Engine Management using the well-known DEI-NT
- The first self-launch double-seater suitable for clubs, due to docile flight characteristics and easy Power Plant Management
- Special Serial Equipment:
  - Electrical Undercarriage
  - Landing Gear Warning
  - Canopy Warning
  - Steerable Tail Wheel and Wing-Tip Wheels



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# DG-1001 M



## ..... Technical Details

### Span

- wing area
- aspect ratio
- length
- fuselage height
- fuselage width
- tail plane span
- water ballast (optional)
- empty mass (incl. basic instruments) approx.
- min. wing loading (with 80 kg payload) approx.
- max. mass
- max. wing loading
- max. speed
- stall speed (at 600 kg)
- certified for
- best glide ratio (max. mass) approx.  
at
- lowest Sink Rate (single-seated)  
at
- engine
  
- power
- gear reduction approx.
- fuel tank capacity in fuselage
- propeller

20 m

17,53 m<sup>2</sup>

22,82 /

8,57 m

1,0 m

0,73 m

3,2 m

160 max. kg (l)

520 kg

34,2 kg/m<sup>2</sup>

790 kg

45 kg/m<sup>2</sup>

270 km/h

70 km/h

simple aerobatics

1:47

124 km/h

0,55 m/s

88 km/h

SOLO 2625 02i, 2-Stroke  
with electronic fuel injection

50 KW / 68 HP

1:2,8

40 Liter

composite