



# 105 mm, M56/33 INS

## Towed howitzer



### Characteristics:

|   |                          |   |               |
|---|--------------------------|---|---------------|
| • Type  | Towed system with INS    | • Length of barrel (mm)                 | 3500          |
| • Caliber (mm)  | 105                      | • Road ground/clearance (mm)            | 335           |
| • Number of crew  | 6+1                      | • Total weight travelling position (kg) | 2370          |
| • Normal rate of fire (rds/min)                                     | 6                        | • Fire Control System                   | Yes, with INS |
| • Maximum range (km)  | -18.1                    | • Total length travelling position (mm) | 6880          |
| • Time required to convert from travelling to firing position (min) | Less than 2              | • Total width travelling position (mm)  | 2150          |
| • Field of action in traverse (°)                                   | 52                       | • Total height travelling position (mm) | 1560          |
| • Field of action in elevation (°)                                  | -10 up to +65            |   |               |
| • Maximum projectile velocity (m/s)                                 | ~ 675                    |   |               |
| • Maximum pressure (bar)  | ~ 2650                   |   |               |
| • Type of breech mechanism  | Horizontal sliding wedge |   |               |
| • Weight of barrel (kg)   | 340                      |   |               |

## Fire Control System Integrated on the Howitzer



- Real time heading accuracy 0,5 mils
- Mean time between failure, MTBF > 80.000 h
- Possibility to integrate in AFCS Yes
- Instillation of the radio communication Optionally

## Ballistic trajectories of M56/33 howitzer

