

## **Reference List for CWDT Hydrops and Flick Ramming Systems**

Curtiss-Wright Antriebstechnik GmbH (a Curtiss- Wright Controls Company) has developed Hydro-Pneumatic Suspension units (Hydrops) for tracked and wheeled vehicles and a hydraulic Flick Ramming System for Howitzers.

The systems are designed to be used with a number of turret and vehicle installations. Following programs are running with our systems.

### **- Full Scale Production for Hydrops**

1. MOWAG Piranha III (wheeled vehicle):

Hydrops for 8x8 vehicle

Production: for more than 200 vehicles

License Production: for more than 600 vehicles

### **- Prototypes for Hydrops**

1. MOWAG, Trojan (tracked vehicle)
2. PATRIA Vehicles, AMV 8x8 wheeled vehicle
3. KMW, new AIFV (tracked vehicle)

### **- Full Scale Production for Flick Ramming Systems**

1. G6 Howitzer, LIW, South Africa  
Production: 2000 units Flick Ramming Systems for different countries
  
2. 155mm Swiss Fortress Howitzer  
Production: 20 units Flick Ramming Systems incl. Ammunition System
  
3. Howitzer for a customer in Asia (customer can't be mentioned because of secrecy agreement)  
Production: 400 units Flick Ramming Systems

### **- Prototypes for Hydraulic Flick Ramming Systems**

1. 155mm Howitzer for Bofors , Sweden  
Test rig with Flick Ramming System for projectile and unit charges
  
2. 155mm Howitzer a customer in Asia (customer can't be mentioned because of secrecy agreement)
  
3. 155mm Howitzer for MKE in Turkey  
Modernization of 2 systems M52 howitzers

### **- Prototypes for Electromechanical Ramming Systems**

1. 105mm Howitzer for LIW, South Africa  
Signal- and Power Electronics for electromechanical system