



**KUNZ AIRCRAFT RECOVERY EQUIPMENT**

# **KUNZ AETS 30**

## Aircraft Emergency Towing System

---

Fast and Easy to use for Aircraft Towing  
and Recovery Operations.

For aircraft such as: A330, A340 and B787 with  
total towing capacity of up to 60 tons.



**KUNZ AETS 30**  
Aircraft Emergency  
Towing System

Ready for  
**any situation**

**Typical Application**

The 4 m round sling is positioned in basket hitch around the landing gear structure. The two ends are connected with one shackle 30 tons. Also connected to the shackle is the polyester round sling, usable length 20 m, capacity 30 tons which is connected to one of the load cell's 30 t shackle. The other 30 tons shackle of the load cell is attached to the towing vehicle. The above described procedure has been carried out at the first MLG the second assembly has to be prepared in the same way at the second MLG. For this procedure two separate towing vehicles are required.

*Safety factor  
of heavy-duty  
polyester round  
slings is 7*

*Polyester  
round slings  
comply with  
DIN EN 1492-2*



Load cell in steel protection cage



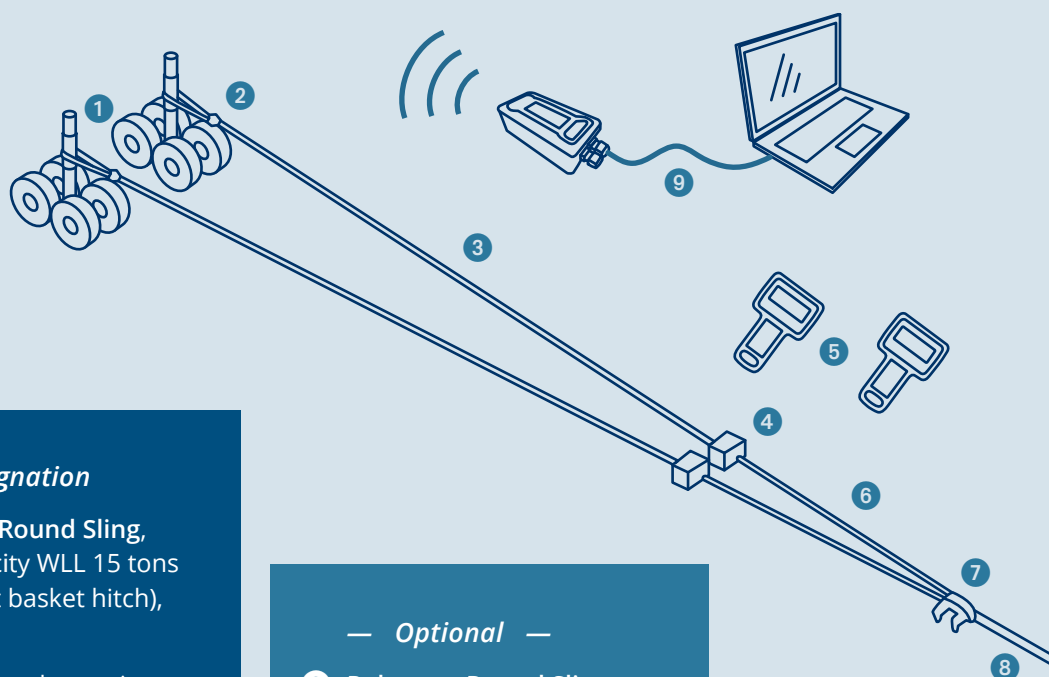
Pulley 60t with round sling



The separate hand-held remote controls/radio receivers (range approx. 700 m/2300 ft) indicate the arising towing loads. The permitted towing load (for the respective aircraft type) can be set freely within the total range of the load cells. Visual and acoustical signals indicate the arising towing forces. Peak towing load will be recorded.

**For towing with one towing vehicle a pulley 60 tons capacity**, consisting of deflector roll with castors and a 18 m round sling, capacity 60 tons at basket hitch, as well as a 4 m usable length round sling, capacity 60 tons at basket hitch, for the connection to the towing vehicle, is available as option.

## Typical Application



### Item Designation

- ① Polyester Round Sling, load capacity WLL 15 tons (30 tons at basket hitch), length 4 m
- ② Shackles, load capacity WLL 30 tons
- ③ Polyester Round Sling, load capacity WLL 30 tons, length 20 m
- ④ Load cell, 30 tons with 2 shackles 30 tons and steel protection cage with castors
- ⑤ Radio-Display and remote control of load cells

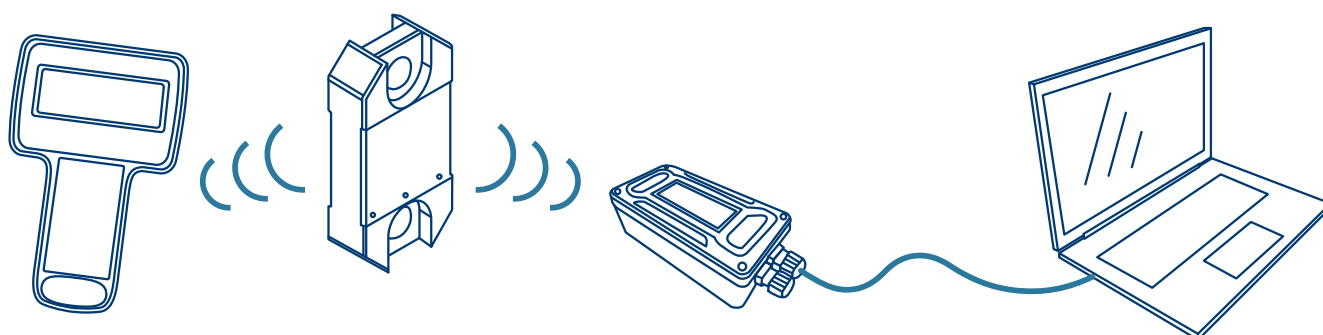
### — Optional —

- ⑥ Polyester Round Sling, load capacity WLL 30 tons (60 tons at basket hitch), length 18 m
- ⑦ Pulley, WLL 60 tons
- ⑧ Polyester Round Sling, load capacity WLL 30 tons (60 tons at basket hitch), length 4 m
- ⑨ Wireless Control Station

## KUNZ Wireless Control for AETS

Parallel to our handheld devices, the KUNZ wireless control interlink with its software allows simultaneous, wireless communication between our wireless load cells and a Windows PC. Up to 100 wireless load cell channels of live data can be displayed on a resizable window. Channels can be setup with user defined mathematical functions that can be used to calculate a range multitude of results. For example, a display can show the value from a single load cell or the

sum of multiple load cells. Visual display and audio alarms can indicate under and over range as well as loss in communications, low battery and error reports. KUNZ wireless control software can log on demand, at pre-set intervals, on entering and leaving a pre-set overload and during an overload. Data is logged to a CSV file which can be opened for analysis by software programs such as Microsoft Excel. JSON format data is also available on demand via the built in web server.



### FEATURES AND BENEFITS:



- Wireless range of 700 m / 2300 ft
- Displays and logs data up to 100 KUNZ wireless load cells simultaneously
- Mapping/graphical capabilities
- Webserver offers remote viewing on iPads/ tablets/smart phones and also supplies JSON data on demand
- Logging at timed intervals, manual or on overload/underload
- Visual and acoustical signals indicate arising towing forces, low battery and communications error
- Zoom in to channel to see data trends and history
- Export and log data in CSV format



**KUNZ AIRCRAFT RECOVERY EQUIPMENT**

## **KUNZ AETS 30**

### **Aircraft Emergency Towing System**

**SET IS CONSISTING OF:**

- **2 Polyester round slings.**  
Usable length 4 m, capacity 15 tons  
(30 tons at basket hitch)
- **2 shackles 30 tons**
- **2 polyester round slings.**  
Usable length 20 m, capacity 30 tons
- **2 load cells 30 tons** with battery powered  
hand-held remote controls/radio receivers  
(with adjustable visual and acoustical signal  
to be set to specific towing load)
- **2 steel protection cages** with castors  
for load cells
- **4 shackles 30 tons for load cells**



Your leading supplier for high quality  
**AIRCRAFT RECOVERY EQUIPMENT.**