

# Full Upper train

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<b>FULL NAME</b> 	<b>REPORT DATE</b> <b>16-07-2018</b>	<b>STUDY PERFORMED BY:</b>
<b>ANALYSIS PROTOCOLS</b> <b>Full Upper Train</b>		

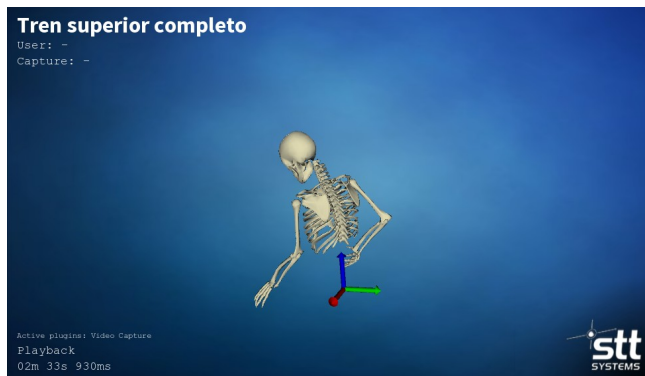
## 3D Motion Capture: Technical details

RECORDING DATE	DATA SAMPLING RATE	RECORDING TIME	SELECTED INTERVAL
-	100 Hz (frames/sec.)	322 sec.	322 sec.

Notes:

## Study of postures

### Event: Lay down tool



**Neck flex/ext:** 17°  
**Neck rotation:** -18°  
**Neck lateral flexion:** -9°

**Left shoulder flexion:** 19°  
**Left shoulder abd/add:** 4°  
**Left elbow flex/ext:** 37°  
**Left wrist flexion:** -32°  
**Left wrist ulna/radius dev.:** -34°  
**Left wrist pron/sup:** -52°

**Right shoulder flexion:** -18°  
**Right shoulder abd/add:** 15°  
**Right elbow flex/ext:** 74°  
**Right wrist flexion:** -10°  
**Right wrist ulna/radius dev.:** -52°  
**Right wrist pron/sup:** -34°

### Event: touch screen



# Full Upper train

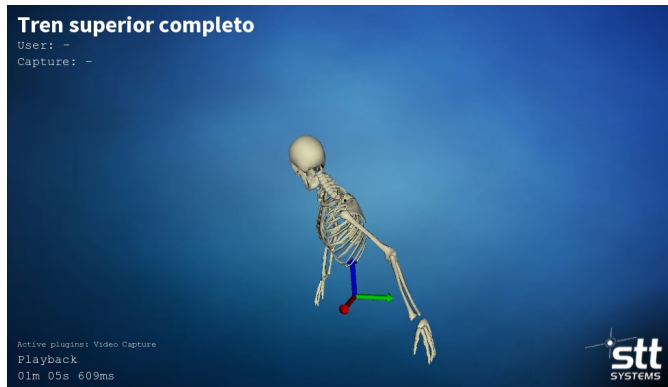
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**Neck flex/ext:** -22°  
**Neck rotation:** -5°  
**Neck lateral flexion:** -1°

**Left shoulder flexion:** 100°  
**Left shoulder abd/add:** 163°  
**Left elbow flex/ext:** 27°  
**Left wrist flexion:** -31°  
**Left wrist ulna/radius dev.:** -3°  
**Left wrist pron/sup:** -23°

**Right shoulder flexion:** 10°  
**Right shoulder abd/add:** 11°  
**Right elbow flex/ext:** -1°  
**Right wrist flexion:** 43°  
**Right wrist ulna/radius dev.:** -23°  
**Right wrist pron/sup:** -3°

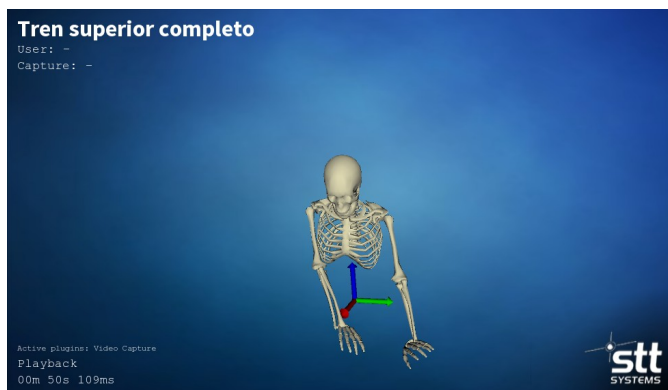
## Event: Grab tool



**Neck flex/ext:** -2°  
**Neck rotation:** 62°  
**Neck lateral flexion:** 26°

**Left shoulder flexion:** -6°  
**Left shoulder abd/add:** 38°  
**Left elbow flex/ext:** 30°  
**Left wrist flexion:** 12°  
**Left wrist ulna/radius dev.:** 22°  
**Left wrist pron/sup:** 34°

**Right shoulder flexion:** -2°  
**Right shoulder abd/add:** 16°  
**Right elbow flex/ext:** 35°  
**Right wrist flexion:** -13°  
**Right wrist ulna/radius dev.:** 34°  
**Right wrist pron/sup:** 22°



**Neck flex/ext:** 1°  
**Neck rotation:** -2°  
**Neck lateral flexion:** 4°

**Left shoulder flexion:** 60°  
**Left shoulder abd/add:** 30°  
**Left elbow flex/ext:** 8°  
**Left wrist flexion:** -105°  
**Left wrist ulna/radius dev.:** -74°  
**Left wrist pron/sup:** 59°

**Right shoulder flexion:** 69°  
**Right shoulder abd/add:** -42°  
**Right elbow flex/ext:** 6°  
**Right wrist flexion:** -71°  
**Right wrist ulna/radius dev.:** 59°  
**Right wrist pron/sup:** -74°