TRU CONTROL LOADING SYSTEM
POWERED BY REALFeel® TECHNOLOGY
TRU CONTROL LOADING SYSTEM

TRU Simulation + Training® offers total training solutions for all aircraft training needs. These solutions contain state-of-the-art technologies in every effort, to make the step from training to real-life a seamless transition. The TRU Control Loading System leads the industry in dynamic response and force through cutting-edge technology and innovation.

SYSTEM BENEFITS
- FAA, EASA, CAA and JAA Level compliant
- Improved performance
- Increased supportability
- Use of EtherCat® technology
- Simplified hardware design
- Reduced system wiring
- Latest computer technology
- Linux® based

PRINCIPAL SYSTEM COMPONENTS
- REALFeel® Computer (RFC)
- REALFeel® Servo Drive (RFSD)
- REALFeel® Force Loader Unit (RFFLU)

PHYSICAL CHARACTERISTICS
- Weight - 20.8kg
- Dimensions: 406mm(L) X 265mm(W) X 249mm(H)

SYSTEM PERFORMANCE

<table>
<thead>
<tr>
<th>MEASUREMENT</th>
<th>TRU CONTROL LOADER</th>
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<tbody>
<tr>
<td>ITERATION RATE</td>
<td>4000 HZ</td>
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<tr>
<td>SYSTEM BANDWIDTH</td>
<td>&gt;100 HZ</td>
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<tr>
<td>BACKLASH</td>
<td>0 DEG</td>
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<tr>
<td>VELOCITY</td>
<td>750 DEG/SEC</td>
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<tr>
<td>TORQUE (CONTINUOUS)</td>
<td>225 NM</td>
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<tr>
<td>TORQUE (PEAK)</td>
<td>560 NM</td>
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TRU’S CONTROL LOADING SYSTEM
- Industry leading performance in force and dynamic response
- Incorporates the latest in brushless AC motor and position feedback technology
- Accommodates all fixed wing, rotorcraft, and land based training vehicles
- Linear loader fits all needs in one system