Effer 505 model is part of the big crane range, belonging to 30 to 300 txm lifting class, and is ideal for those who must work safely with heavy loads even in the most extreme situations. Big Effer cranes are the result of 50 years of passion and expertise. These cranes ensure outstanding performances and are characterized by a weight/capacity ratio among the best in the world.
RECOMMENDED LOAD DIAGRAMS

4S

5S

6S JIB 4S HEAVY DUTY

6S

DP5R005USA_1-270114

DP5R006USA_0-290713

DP5R007USA_0-290713

2
SOLUTIONS FOR STABILITY

Maximum productivity with rear installation

The Effer cranes give the best even in case of rear installation, for example when they are used in the fields of construction and loading and unloading of materials.

Safe stability with Effer Stability System (ESS or Mini ESS)

This solution for the vehicle stability control detects, through electrical sensors, both the output and the support of the stabilizers on the ground, and acts on the control system to avoid overturning.

PERFORMANCE

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>UNIT OF MEASURE</th>
<th>4S</th>
<th>5S</th>
<th>6S</th>
<th>7S</th>
<th>8S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. hydraulic outreach</td>
<td>ft</td>
<td>40’11”</td>
<td>48’3”</td>
<td>55’9”</td>
<td>63’4”</td>
<td>71’3”</td>
</tr>
<tr>
<td>Max. lifting moment [+20°]</td>
<td>lb*ft</td>
<td>315900</td>
<td>311490</td>
<td>308410</td>
<td>303820</td>
<td>298390</td>
</tr>
<tr>
<td>Slewling arc</td>
<td>[°]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>endless</td>
</tr>
<tr>
<td>Slewling Capacity - Max slope</td>
<td>%</td>
<td></td>
<td></td>
<td>8.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working pressure</td>
<td>p.s.i.</td>
<td></td>
<td></td>
<td></td>
<td>5221</td>
<td></td>
</tr>
<tr>
<td>Max oil delivery</td>
<td>gpm</td>
<td></td>
<td></td>
<td></td>
<td>26.4</td>
<td></td>
</tr>
<tr>
<td>Oil tank capacity</td>
<td>gal.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>58</td>
</tr>
<tr>
<td>Weight of the standard crane [± 2%]</td>
<td>lb</td>
<td>10790</td>
<td>11210</td>
<td>11670</td>
<td>12110</td>
<td>12970</td>
</tr>
</tbody>
</table>
**STANDARD**

- Decagonal boom profile
- Outer boom articulating for more than 180°
- ETL (Effer Twin Links)
- Radio remote control with display
- Slewing ring and reduction gear unit
- Oil cooler
- Fly-jib articulating for more than 180°
- Stabilizers with hydraulic outlet
- Sequence valves
- "Grip& Swing" Hook on bearing with cardan
- "High Speed System" Increased speed of extension cylinders
- "Pro.Dec. System" Cylinders with progressive stop at the end of their stroke
- Change from DMU 3000 to Progress 2.0

**OPTIONALS**

- Swing-up stabilizers, hydraulically activated
- Winch
- "Wind & Drive" Crane foldable with the fly-jib on, without removing the winch components
- Load reading on the remote control display
- Radio remote with joystick