MLS 50T Mechanical Lifting System

New mechanical lifting system
The MLS 50T is a new mechanical lifting system for industrial tools (injection, compression ...).

- It allows you to raise a point safely.

- No bridge modifications are needed, the system works directly with the hook.

- Without any manual intervention
SAFETY /

- No manual intervention on the mold.

- Avoid pinching or crushing with the rings.

- Prevents people from the production to climb on the mold and in the press to hang and unhook the rings.

- Avoid burns on hot molds, sliding ...
PRODUCTIVITY /

• No need to hang and unhook the mold rings.

• Quick start of the system.

• The system works directly with the hook without modification of the bridge.

• Raise in one point.
EFFECTIVENESS /

- Optimization of mold change time.
- Gain about **15 minutes** on each mold change.
- Optimization of safety (fewer accidents, stops ...).
- Gain human resources (an editor can be enough for the change of mold).
- Gain at the purchase level of the rings (take DIN rings instead of swivel rings for transport).
# TABLE OF FORCES

<table>
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<tr>
<th>PRODUCTS CODE</th>
<th>PRODUCTS</th>
<th>CMU</th>
<th>TYPE OF FIXATION</th>
<th>SAFETY COEFFICIENT</th>
<th>TESTS RESULTS</th>
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<tbody>
<tr>
<td>MLS50T</td>
<td>MLS 50T</td>
<td>50T</td>
<td>-</td>
<td>5,8</td>
<td>294 T</td>
</tr>
<tr>
<td>PL50T</td>
<td>PIN 50T</td>
<td>50T</td>
<td>6 screws M24 (class 12/9)</td>
<td>5,8</td>
<td>294 T</td>
</tr>
<tr>
<td>PL15T56</td>
<td>PIN 15T (M56)</td>
<td>15T</td>
<td>Thread M56</td>
<td>11</td>
<td>171 T</td>
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<tr>
<td>PL15T48</td>
<td>PIN 15T (M48)</td>
<td>15T</td>
<td>Thread M48</td>
<td>9</td>
<td>135 T</td>
</tr>
<tr>
<td>PL15T42</td>
<td>PIN 15T (M42)</td>
<td>15T</td>
<td>Thread M42</td>
<td>8</td>
<td>134 T</td>
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<tr>
<td>PL05T36</td>
<td>PIN 05T (M36)</td>
<td>5T</td>
<td>Thread M36</td>
<td>19</td>
<td>98 T</td>
</tr>
</tbody>
</table>
MLS 50T /

IMPORTANT NOTICE/

Battery life: 100h

Battery charging time: 2h

Use the "slow" crane speed with the system.

To fix on the mold, it is Mandatory to use CHC M24 screws class 12.9.

Tightening torque 109,5daN.m.

LIFTMOULD will not provide these screws.

Each lifting pin must be placed on the mold gravity center.

«MLS 50T» is developed to lift and transport the mold. Once lifted, do not use them to tilt the mold.

Do not use for flipping or maintenance of molds.

Registered Design According to standards:
CE 2006/42/CE

Your security is our priority

LIFTMOULD
LIFTMOULD
PINS

Pin 50T (6 screws)
Pin 15T (M56)
Pin 15T (M48)
Pin 15T (M42)
Pin 05T (M36)
DISTRIBUTORS NETWORKS /

U.E / Russia / Turkey
- France / Benelux : Liftmould Sas
- Poland / Sweden / Lithuania / Latvia / Estonia : Lortech Z.o.o
- Slovakia / Czech Republic / Ukraine / Slovenia : Valex S.r.o
- United Kingdom / Portugal / Spain : Bru Y Rubio
- Hungria / Romania : Optimyze
- Russia : On Russia (ON Group)
- Turkey : Gsb Oilless

South / Central / North America /
- USA : Liftmould Sas
- Canada : Liftmould Sas
- Mexico : In progress
- Brazil / Argentina : Bru Y Rubio

Asia /
- China : ON Chine (ON Group)

Africa - Middle East /
- Marocco : Bru Y Rubio
- South Africa : Liftmould Sas
- Iran : In progress
INFORMATION /

The tightening torque of the MLS 50T screws must be checked according to the frequency of use and at least every 6 months (the correct position of the screws is indicated by a paint indicator).

Check the system:
- visual at each use (screw, general condition)
- periodic (according to the legislation in force) by the user.

LUBRIFICATION MAINTENANCE /

Every 3000 cycles (see lubrication document)

MAINTENANCE OF 2 YEARS /

Mandatory overhaul by the manufacturer or authorized distributors every 2 years or 40,000 cycles.
Planned immobilisation: 4h

MAINTENANCE OF 10 YEARS /

The system must be dismantled by the manufacturer or its authorized distributors in its entirety every 10 years for the replacement of worn parts.
Planned immobilisation: 2 days

WARRANTY /

MLS 50T WARRANTY /

The MLS 50T lifting system is guaranteed for 2 years.

- The warranty covers any manufacturing defect.

- The guarantee does not take into account the wear, the breakage, the bad use by the customer ...

GUARANTEE PLOTS 50T, 15T, 5T /

The studs 50T, 15T and 5T are guaranteed during 1 year.

- The warranty covers any manufacturing defect.

- The guarantee does not take into account the wear, the breakage, the bad use by the customer ...
The company Liftmould provides its customers with a screed plan to be completed by the mold maker before manufacture (new molds) or to be quoted by the maintenance department for the equipment of existing molds.

For any information, contact the sales department.

romain@liftmould.com / corinne@liftmould.com
In 2019, the Liftmould Group has just acquired a new plant to double its production area.

COMMERICAL OFFICE:
LIFTMOULD SAS
ZI DES BÉTHUNES
14 RUE DU COMPAS
BP 20433
SAINT OUEN L'AUMÔNE
95005 CERGY PONTOISE
CEDEX FRANCE

PLANT:
ZONA INDUSTRIAL DE VIADORES
LOTE 34, PAMPILHOSA
3050-480 PAMPILHOSA PORTUGAL