

Linie M - Play Equipment „Fred & Paul“

Product Information

Important instructions - Please read carefully!

Scope of Delivery

Items listed below belong to the delivery scope of Linie M - Play Equipment „Fred & Paul“

| No | Item | Weight | Unit of Weight |
|----|-----------------------------------|--------|----------------|
| 1 | Delivery List | | |
| 1 | Product Description | | |
| 1 | Mounting Description | | |
| 1 | Drawing | | |
| 1 | Maintenance Instruction | | |
| | | | |
| 1 | Play Equipment Swing Fred or Paul | 170 | kg/unit |
| | Length x width x height | | |
| | Fred: approx. 1.700x350x4.250mm | | |
| | Paul: approx.. 1.600x350x3.800mm | | |
| | | | |

Linie M - Play Equipment „Fred & Paul“

Product Description

Safety Play equipment “Fred & Paul” meet the requirements of DIN EN 1176: 2017 and were inspected by DEKRA Testing and Certification GmbH and obtained GS quality seal.

Age Children 3 years plus and adults

Material galvanized steel with PUR thick layer lacquering

Dimensions Fred: length 1.700mm x width 350mm x height 4.250mm
Paul: length 1.600mm x width 350mm x height 3.800mm

Dimensions from Playing Zone upwards

Fred: length 1.490mm x width 100mm x height 3.295mm
Paul: length 1.390mm x width 100mm x height 2.825mm

Minimum Zone Fred: length 1.750mm x width 8.100/7.100*mm x height 4.000mm
Paul: length 1.750mm x width 7.450/6.450* mm x height 4.000mm
* = synthetical impact protection

Make sure that surrounding surface is in line with minimum zone and hazard free. In case of doubt, please contact your local Technical Supervisory Agency.

Free Fall Height Fred: 1.450mm
Paul: 1.270mm

Ground Characteristics

According to EN 1177: 2008

| Type of Grounds | Description | Layer thickness on top of foundation |
|---------------------------|--|--------------------------------------|
| turf | | Not allowed |
| gravel | Round, washed, grain size 2mm to 8mm maximum | 400mm |
| Sand | Washed, grain size 0,2mm to 2mm maximum | 400mm |
| Wood chippings | Mechanically crushed wood (no timber material), w/o bark or leaves, grain size 5mm to 30mm maximum | 400mm |
| Bark Mulch | Crushed bark of confireous Wood, grain size 20mm to 80mm maximum | 400mm |
| Synthetic Fall Protection | With HIC test (refer to DIN EN 1177) | allowed |

Foundation concrete C20/25, length 1.400 x width 1.400 mm x height 700 mm

Foundation Surface 400mm from foundation to playing zone

Weight 170 kg

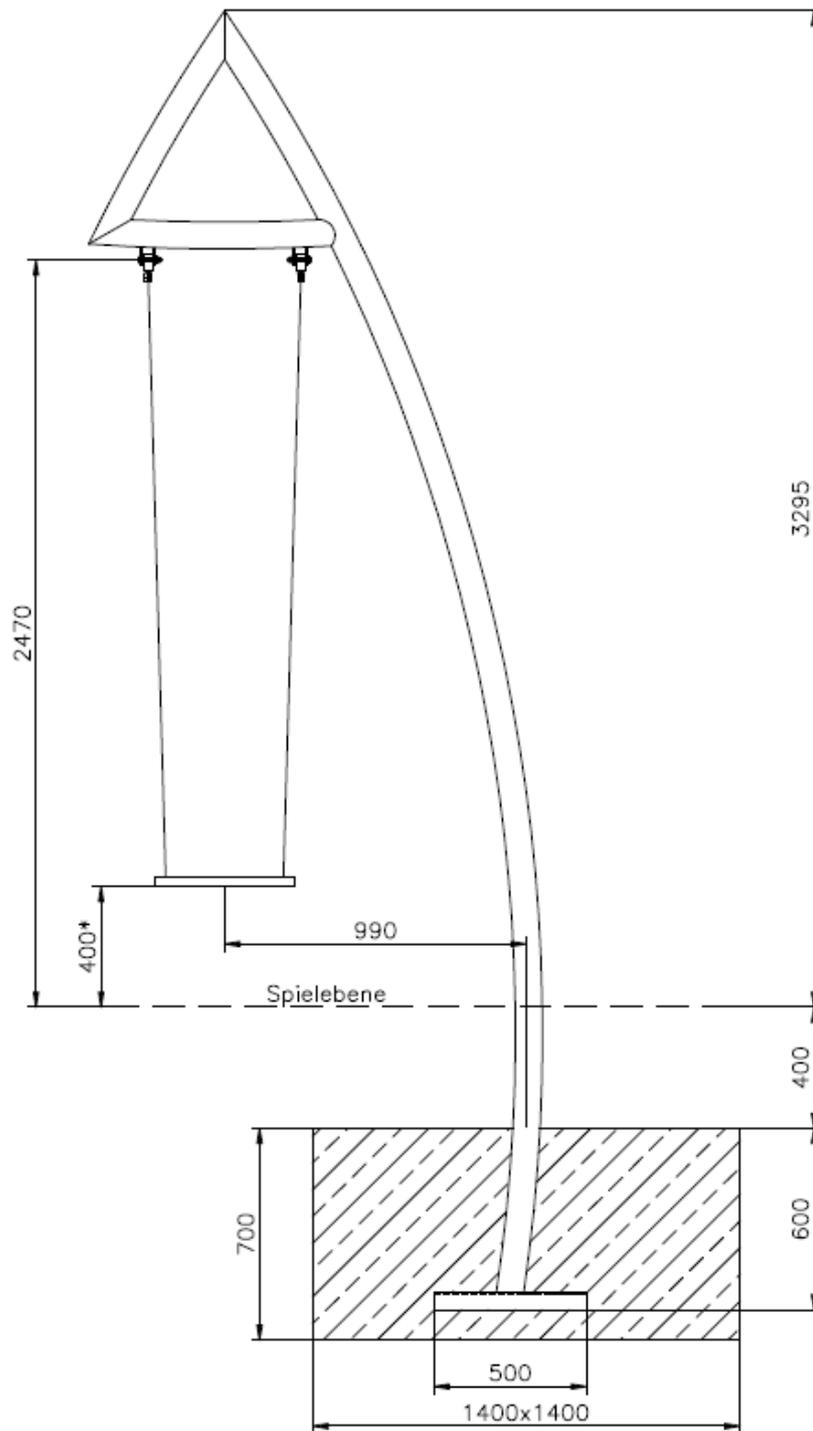
Maintenance Being made of steel the play equipment “Fred & Paul” are nearly indestructible and thus suitable for highly frequented areas. A special maintenance only is required for the surrounding impact protection.

Scope of Delivery Play equipment “Fred & Paul” are delivered completely assembled.
Dimensions including packing:
Fred: 4.700 x 1.000 x 400mm, not stackable
Paul: 4.150 x 1.000 x 400mm, not stackable
Weight: approx. 190kg

Important Note Make sure that surrounding surface is in line with minimum zone and hazard free. In case of doubt, please contact your local Technical Supervisory Agency.

An overlapping with the minimum space of other playground equipment is not Allowed!!

After setting the Swings into concrete and letting harden out check the the distance between top of your impact protection and lower end of the swing seat. The distance according to DIN EN 1176:2017 shouldn't be less than 35cms (please also refer to drawing)

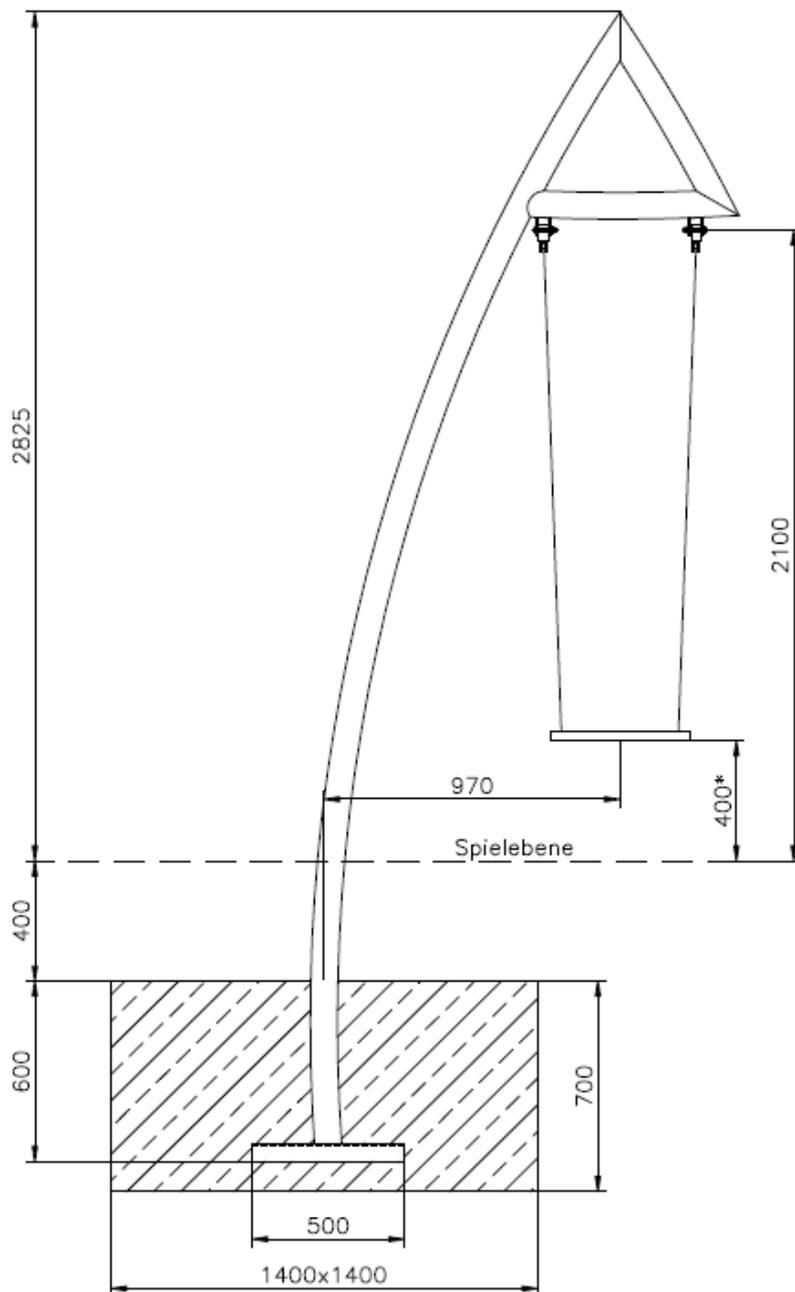


*Kontrollmaß

Fundament:
L x B x H
1400 x 1400 x 700

Beton C20/25

| | | | | | |
|---|--------------|--|--------------------------|---------|-------|
| Zeichnung Nr. | — | Werkstoff | Stahl verzinkt, lackiert | Maßstab | 1:20 |
| | | | | Seite | Pos.: |
|  | | Fred | | | |
| Bearbeiter | G. Scharnagl | — | | | |
| Datum | 10.11.2016 | \\Produkt\daten\Aufbauzeichnungen\Aufb Fred & Paul o.A. 2016-11-10 | | | |



*Kontrollmaß

Fundament:
L x B x H
1400 x 1400 x 700

Beton C20/25

| | | | |
|---|--------------------------|---|-------|
| Zeichnung Nr. | Werkstoff | Maßstab | 1:20 |
| — | Stahl verzinkt, lackiert | Seite | Pos.: |
|  Linie M Metall Form Farbe www.linie-m.de | | Paul | |
| | | — | |
| Bearbeiter | P. Walter | | |
| Datum | 01.11.2016 | \\Produkt\daten\Aufbauzeichnungen\Aufb. Fred & Paul o.A. 2016-11-10 | |

Maintenance Instructions according to DIN EN 1176

1. General

Use of premium material as well as high-quality manufacturing allows Linie M play equipment to have longest maintenance intervals possible according to DIN EN 1176. This is valid for play equipment which is not frequented permanently throughout the day.

Please find below DIN EN 1176 maintenance guidelines.

According to DIN EN 1176 maintenance intervals depend on type of play equipment, material used and other factors, i.e. excessive frequency, vandalism, age of equipment, and environmental factors such as location in coastal areas or air pollution which may lead to shorter maintenance intervals.

Direct inspection of playground equipment should go along with inspection of minimum zone. Remove broken glass bottles or other litter which may lead to injury of body or health. Maintenance of fall protection includes check of its protection properties. Check filling level of loose material as well.

2. Visual Routine Inspection

Visual inspection identifies apparent risks resulting from vandalism, tear and wear and weather conditions. It includes checks of cleanliness, spaces between equipment and ground, filling level of loose material up to equipment mark, quality of ground surface, exposed foundations, sharp edges, missing parts, heavy tear and wear (especially of movable components) and stability.

Inspection as described above may be required on a daily basis in case of playgrounds at risk of vandalism.

3. Operative Inspection

Operative inspection comprises all checks as mentioned above under 1. and 2. Furthermore, every 6 months inspect all parts which are subject to normal tear and wear and check stability by vigorously shaking play equipment.

4. Yearly Main Inspection

The main inspection is intended to check safe-to-operate state of equipment, foundation and surfaces. It includes all checks listed in point 1. to 3. Furthermore, climatic effects, decay, corrosion shall be detected as well as any other change. Uncover foundations and check stability of equipment.

5. Measures to be Taken

Repair defects detected as listed under point 1. to 4. immediately.

If you doubt stability of equipment, uncover foundation and reestablish safe connection between equipment and foundation.

6. Spare Parts

Only use spare parts adequate to original spare part quality in order to guarantee safety and proper functioning of play equipment.

Order original spare parts directly from:

Linie M – Metall Form Farbe – GmbH
Industriestrasse 8
63674 Altenstadt
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