

# **ITI500N**



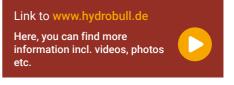
## At a glance

| LIFTING                  |   |  |
|--------------------------|---|--|
| manual                   | ~ |  |
| Compact hydraulic system | ~ |  |
| Hydrobull pump           | × |  |
| electric                 | × |  |

| DRIVING         |          |
|-----------------|----------|
| manual          | <b>✓</b> |
| Steering handle | ~        |
| FaPo            | ×        |
| electric        | ×        |

| OPERATING FREQUENCY           |          |
|-------------------------------|----------|
| up to 10 times per month      | ×        |
| up to 25 times per month      | <b>~</b> |
| up to 100 times per month     | ×        |
| more than 100 times per month | ×        |

| LIFTING CAPACITY WITH HORIZONTAL JIB |  |          |  |
|--------------------------------------|--|----------|--|
| <b>@</b>                             | max. 500 kg in front of the wheels       | •        |  |
| 3                                    | 175 kg at 1700 mm in front of the wheels | <b>✓</b> |  |



### with counterweight

The original Hydrobull crane with counterweight has a rear-mounted chassis and its special curved design hides the counterweight filling, which is installed on site. Thanks to the counterweight, the small crane is flexible and can be used immediately. This really cost-effective original Hydrobull crane is designed for occasional use. For more frequent use we recommend the Elektrobull or the industrial versions. The compact hydraulic system is designed for approx. 500 lifts.

#### **▼ LIFTING/LOWERING**

Secured to a high-quality, galvanised DIN safety swivel hook with a double-acting compact hydraulic system with the largest lift of these low-cost machines.

#### With only 8-16 strokes you achieve 1 m lift.

The load is released sensitively by opening a handwheel. For your safety, a return stroke will automatically close the valve as soon as you release and prevent unintentional lowering of the load.

#### Driving

Manually by pulling and pushing on a steering handle that can be turned almost up to 180 degrees.

#### **▼** JIB

Has five settings, which can be easily selected by simply pulling out the telescopic jib with a socket pin system.

#### PARKING

By raising the steering handle, the crane is automatically locked for idle periods. Manual machines are generally not equipped with a travel brake.

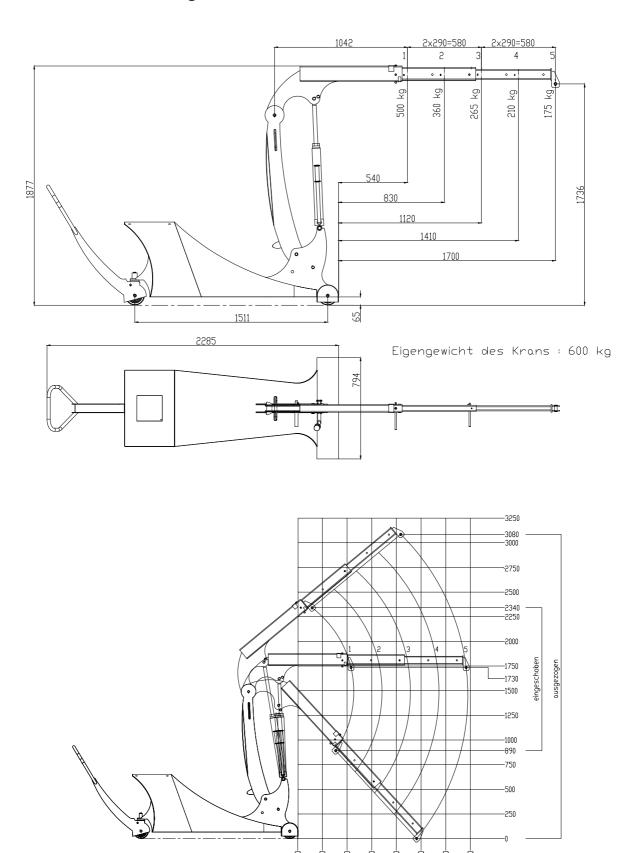
#### COUNTERWEIGHT

Is installed in the machine on-site and is included in the price. This serves to stabilise the crane and cannot be removed.

#### → OTHER

- Modern, protected design only from Hydrobull
- Delivery incl. declaration of conformity and operating instructions
- · German Product
- Euronorm 2006/42/EC and DGUV68
- · 2 Year Warranty

## **Technical Drawings**



Subject to technical modifications. Data subject to manufacturing tolerances.

## **Technical specifications**

\* at hook mouth opening - please refer to the diagram for the reduced outreach

| RATIO LIFTING CAPACITY, OUTREACH, LIFTING HEIGHT |                        |  |                                |           |        |
|--|------------------------|--|--------------------------------|-----------|--------|
| Jib  | Lifting<br>capacity/kg | Load with horizontal jib/mm              |                                | Lift heig | ht*/mm |
| Position   |                        | in front of the hydraulic system approx. | in front of the wheels approx. | min.      | max.   |
| 1  | 500                    | 700                                      | 540                            | 620       | 2160   |
| 2  | 360                    | 990                                      | 830                            | 380       | 2345   |
| 3  | 265                    | 1280                                     | 1120                           | 140       | 2530   |
| 4  | 210                    | 1570                                     | 1410                           | 0         | 2715   |
| 5  | 175                    | 1860                                     | 1700                           | 0         | 2900   |

| OTHER DETAILS  |          | min. | max. |
|--|----------|------|------|
| Jib length from to                                     |          | 1045 | 2205 |
| Length of wheelbase                                    | mm       |      | 1500 |
| Length of chassis incl. wheels                         | mm       |      | 2300 |
| Length incl. inserted lowered jib Pos. 1               | mm       |      | 2170 |
| approx. aisle width for 90° turn                       | mm       |      | 2200 |
| Width of chassis external                              | mm       |      | 800  |
| Width of chassis internal                              | mm       |      | _    |
| Clearance height, jib horizontal                       | mm       |      | 1875 |
| Clearance height, jib lowered                          | mm       |      | 1600 |
| Clearance  | mm       |      | _    |
| Hook length approx.                                    | mm       |      | 225  |
| Ground clearance                                       | mm       |      | 30   |
| Load wheel   | mm       |      | 150  |
| Steering wheel   | mm       |      | 150  |
| Slewing  |          |      | _    |
| Tare weight - for counterweight cranes incl. empty box | kg       |      | 600  |
| Required filling weight for counterweight cranes**     | kg       |      | _    |
| Batteries  |          |      |      |
| Inbuilt charger  |          |      |      |
| ** Machine can only be used when installed             | <u> </u> |      |      |



### Not the right machine? No problem!

Fill out our form on **www.hydrobull.de** and we will happily produce a custom transport solution for you.