

## Assembly Hoist PM-32 Burlak 320

Assembly hoist PM-32 is designed for materials-handling mechanization at mounting of drilling and oil-field equipment, well site construction and other hoisting operations and loads shifting (using a hook) within closely located erection areas.

The base for transport, installation and load-carrying of the hoist can be a swamp buggy T-10MB or other similar tractors. By desire of a customer, the tractor can be completed with double glazing, an extra cabin heater, heat preparation system equipped with a starting preheater, conditioner and other.

Hoist is operated from the tractor cab; operating mechanism horns and foot levers are installed in a special hole of the cab rear wall and the driver's seat is 180° swivel with detent.

The fuel tank and counterweight are placed at the front part of the tractor. Additional counterweight is located on the drawbar.

Metal work production was updated: new changes were made aimed at the requirement strengthening to boom, drawbar and other hoist elements' resistance and hardness.

### Specifications

|   |   |
|---|---|
| Assembly hoist type   | Boom, tractor trailed, nonrotative, with tiltable boom                  |
| Hoist erection and power base   | Tractor T10MB   |
| Mechanism classification group according to ISO 4301/1                    | M3  |
| Load carrying capacity, t   | 32  |
| Load moment, t·m  | 80  |
| <b>Boom outreach, m:</b>  |   |
| - min.  | 2.5   |
| - max.  | 7   |
| Hook hoisting height, m   | 8.5   |
| Hook hoisting speed, m/min  | 2.2...4.8   |
| Hook lowering speed, m/min  | 2.9...6.2   |
| <b>Hoist traveling speed, km/h, max.:</b>                                 |   |
| - with load   | 3.7   |
| - without load  | 5.3   |
| Way climb grade, degr., max. 3  | 3   |
| Winch   | Double-drum, with separate drum switching, reversible with ratchet stop |
| Rope diameter, mm   | 19.5  |
| Winch brakes  | Separate, normally closed, belt-type                                    |
| <b>Sheave blocks rate:</b>  |   |
| - load sheave block rate  | 8   |
| - boom sheave block rate  | 6   |
| <b>Safety devices:</b>  |   |
| - Load limiter  | Signaling   |
| - Hook hoisting height limiter  | Signaling   |
| - Boom stop   | Mechanical  |
| - Acceptable carrying capacity indicator (depending on the boom outreach) | Visual  |
| - Swing indicator   | Visual  |
| Electrical equipment:   |   |

Electric tension of the main power supply source, V

24

Overall dimensions in transit condition with folded boom

length, mm

17,000

width, mm

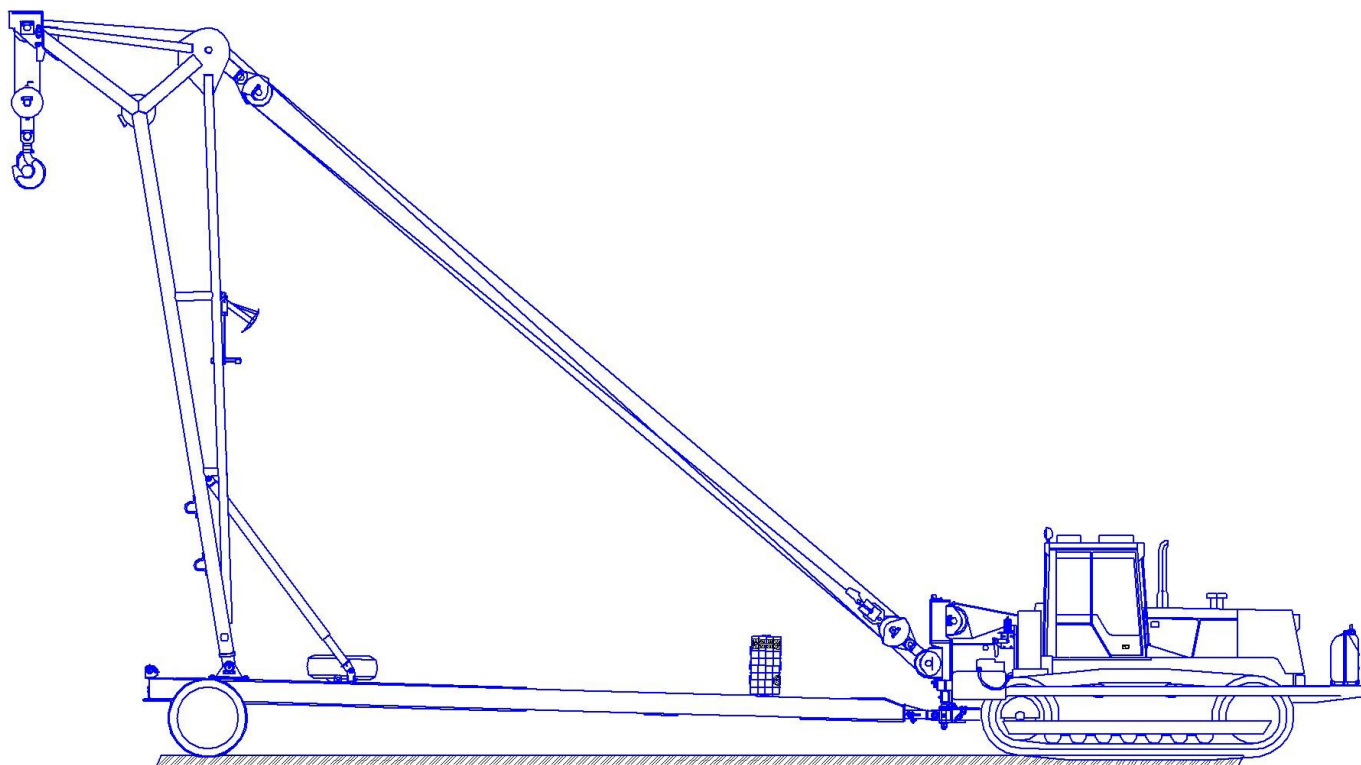
4660

height, mm

4520

Mass, t

34.5





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