



**Higher Production Capacities  
Lower Operating Costs**



**435-TC**

**CRANE, DRAGLINE, CLAMSHELL**



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**THE MOST VERSATILE TRUCK CRANE IN THE 35-TON CLASS**

**All these features are offered as standard equipment only by P&H.**

- "Triple-safe" independent planetary boom hoist provides precise positive control over power raising and lowering of boom.
- Exclusive P&H Power Box design gives positive gear lubrication in oil bath, keeps dirt out.
- Live Roller Circle distributes weight of upper and load uniformly for smoother swings.
- "Full feel", positive action hydraulic controls.
- Pin-connected T-1 high capacity tubular steel boom.
- Handles 170' boom
- Heavy duty rear axles assure longer wear.
- Air brakes on all eight wheels.
- Torsion Bar distributes side loads—increases stability.
- Quick, on-the-job conversion to any attachment.
- Power steering for easier handling—greater maneuverability.
- Aluminum outrigger floats reduce weight for easier, quicker conversion to highway travel.
- 8x4 carrier designed and constructed to work perfectly with upper.

Bulletin No. KP-435T-3



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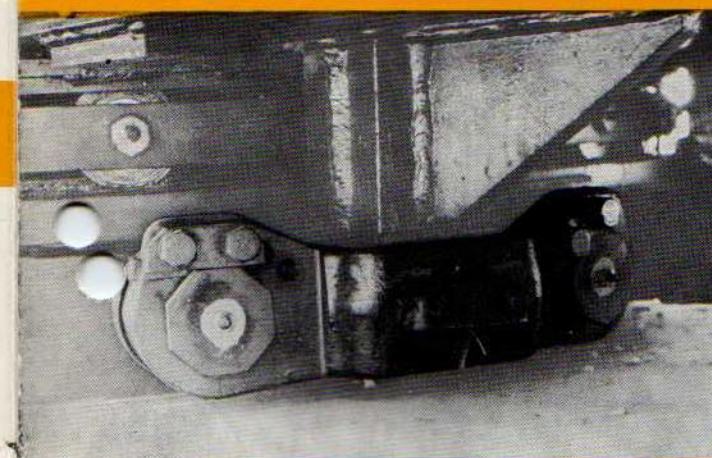
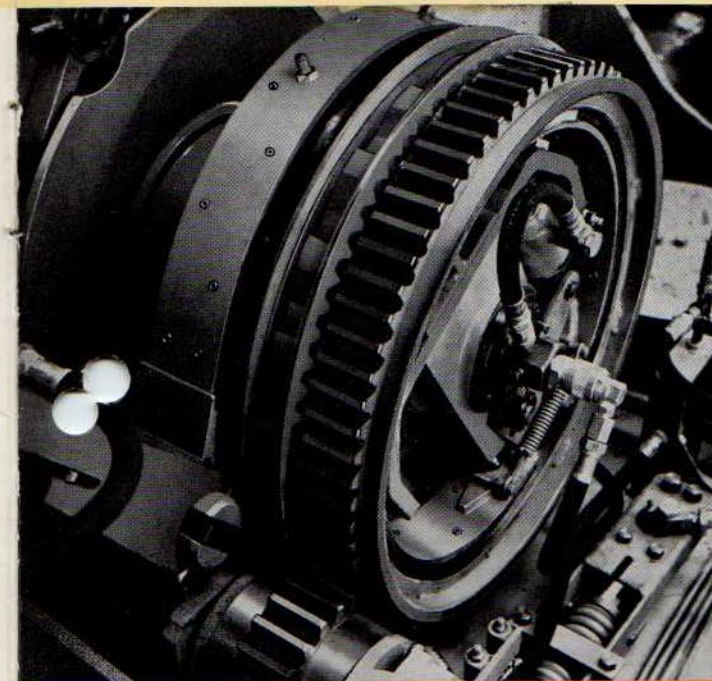
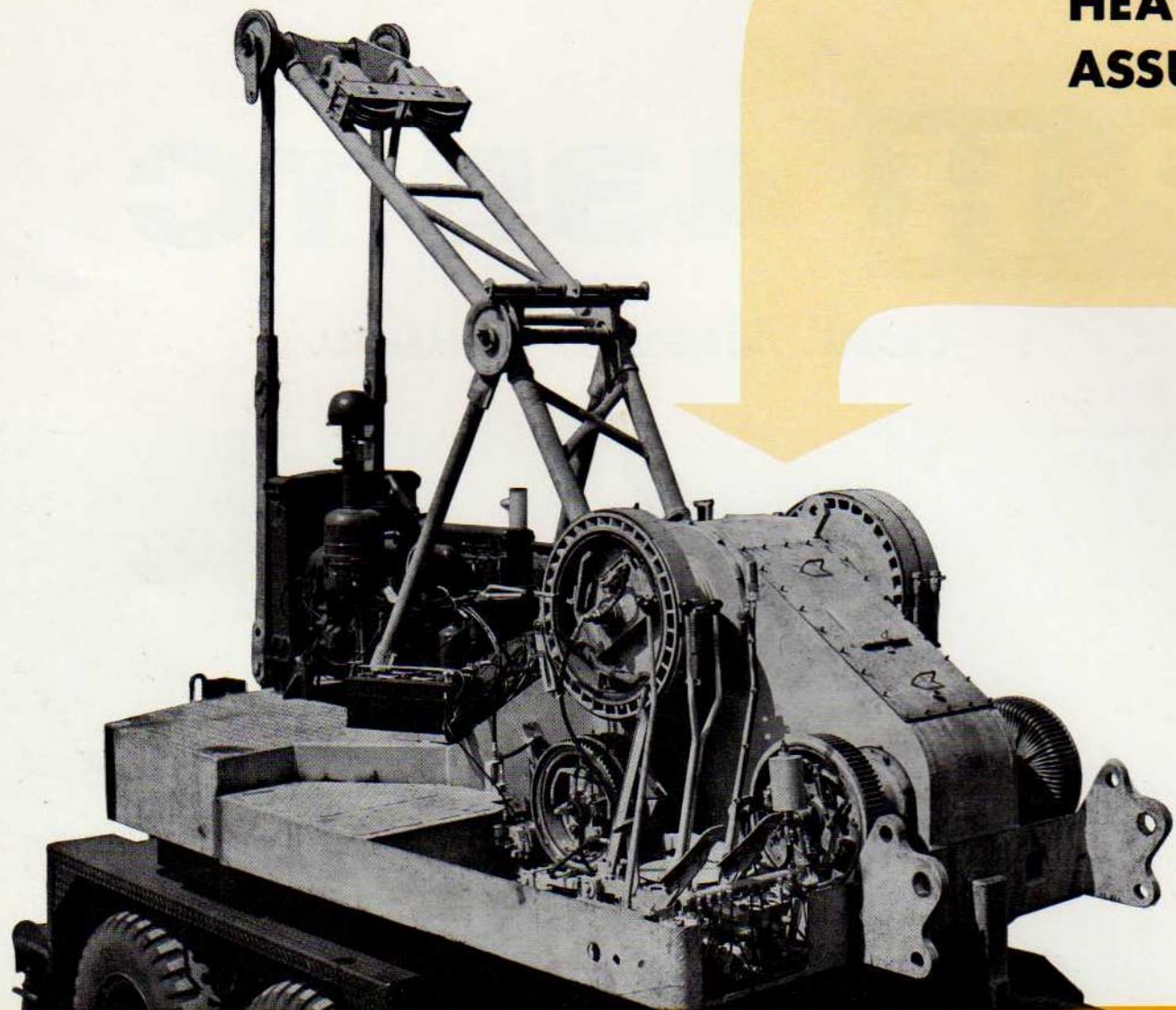
# HEAVY DUTY, COMPACT, EFFICIENT, SEALED POWER BOX ASSURES PEAK PERFORMANCE

P&H exclusive design power box is compact and all welded. Completely sealed in, all power transmission machinery runs in a continuous oil bath that needs changing but once a year. No dirt or grit can enter. This all means less wear, less maintenance, less downtime.

The P&H power box is also the key to scientific

weight distribution on the upper deck resulting in a lower center of gravity and resultant possible lifting capacity. The rugged frame is jig bored after welding for perfect, permanent shaft alignment.

All shafts are involute splined, turn in anti-friction bearings.



## FAMOUS P&H DESIGN PRINCIPLES BACK UP OUTSTANDING P&H PERFORMANCE

- P&H independent planetary boom hoist is a working boom hoist that provides smoother, safer boom operation. Boom can be raised or lowered instantaneously, entirely independent of all other work motions.
- Rugged 32 mm (1 1/4-inch) steel plate forms the frame for the 435-TC power box. All-welded into an integral unit, frame assures perfect alignment of all parts without extra weight.
- Simple, fast, dependable . . . direct-acting hydraulic controls provide instantaneous unvarying response. The operator "feels" the load at all times. This system is easy on the operator . . . is unaffected by weather conditions.

## EXCLUSIVE P&H LIVE ROLLER CIRCLE FOR FAST, EASY SWINGING

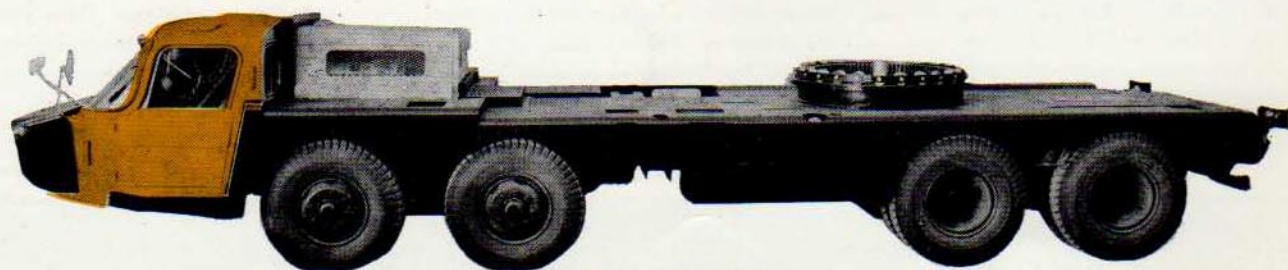
The proven, highly successful live roller circle supports the P&H upper on the carrier. Machine weight and work load is distributed over 26 heavy steel rollers which function as one giant roller bearing. Faster, smoother swings are the result with less power required to move the load.

Six easily adjustable hook rollers anchor upper and carrier and provide positive countering.

- Air service brakes on all 8 wheels for greatest safety.
- Heavy duty transmission with power to climb 28% grades.

Adjustable hook rollers take maximum loads with less tipping action.

Hydraulic outriggers are individually set from a convenient control box. Dually hydraulic action is horizontal and vertical . . . cuts setup time to a minimum.



Mitsubishi K351 Carrier

