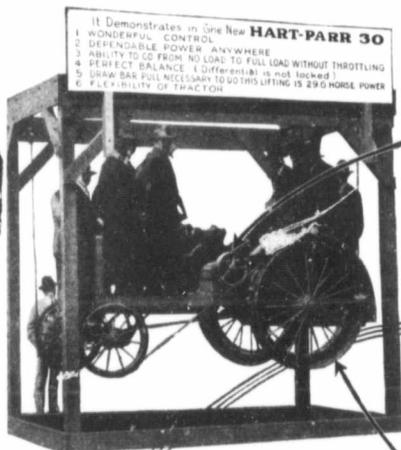


Can you lift yourself by your boot-straps?

The New Hart-Parr Can



It Demonstrates in the New **HART-PARR 30**
 1. WONDERFUL CONTROL
 2. DEFENDABLE POWER ANYWHERE
 3. ABILITY TO GO FROM NO LOAD TO FULL LOAD WITHOUT THROTTLING
 4. PERFECT BALANCE (Differentials in not needed)
 5. DRAY BAR FULL NECESSARY TO GO THIS LIFTING IS 29.6 HORSE POWER
 6. FLEXIBILITY OF TRACTOR

What the Tractors Really Pull
 The Belt Horse Power Tests of 1916-1919

NAME	Rating	Engine	Fuel	Coal	Oil, 1916	Oil, 1918	Oil, 1919
Hart-Parr	30	Ker.	28.0	33.0	31.1	31.7	37.5
F. H. O.	14-20	Ker.	25.0	25.0	25.0	25.0	25.0
Hawell	20-40	Ker.	25.0	25.0	25.0	25.0	25.0
Colman-Taylor	15-30	Ker.	25.0	25.0	25.0	25.0	25.0
Wallis	15-25	Gas	25.0	26.9	25.0	25.0	25.0
Case	15-27	Ker.	25.0	25.0	25.0	25.0	25.0
Shiloh	9-18	Gas	20.5	21.2	25.7	25.0	25.0
Hobley	12-20	Ker.	23.8	25.0	25.0	25.0	25.0
Trick	12-24	Ker.	23.8	25.0	25.0	25.0	25.0
Hessan	12-24	Ker.	23.8	25.0	25.0	25.0	25.0
Titan	10-20	Ker.	20.0	23.5	24.1	24.9	24.9
Waterloo Br.	12-24	Ker.	24.0	21.4	21.2	21.2	21.2
Emerson	12-20	Ker.	20.0	21.4	21.4	21.4	21.4
Steel Mfg.	12-20	Ker.	20.0	21.4	21.4	21.4	21.4
Nelson	16-33	Ker.	21.4	21.4	21.4	21.4	21.4
Paty-H	12-24	Ker.	24.0	19.8	25.3	25.3	25.3
Haber	12-24	Ker.	24.0	19.9	21.4	21.4	21.4
Lauson	15-25	Ker.	22.6	19.9	21.4	21.4	21.4
London	11-22	Ker.	20.0	19.7	19.7	19.7	19.7
Mercil	10-20	Ker.	20.0	19.7	19.7	19.7	19.7
San Jocky	10-20	Ker.	19.5	19.3	19.2	19.2	19.2
Lee	12-24	Gas	18.0	18.0	19.2	19.2	19.2
Cleveland	12-20	Gas	18.7	18.7	18.8	18.8	18.8
Case	10-18	Ker.	18.0	18.1	18.1	18.1	18.1
Shelby	9-18	Ker.	18.0	18.0	18.0	18.0	18.0
Bull	12-24	Ker.	18.6	18.6	18.3	18.3	18.3
Avery	12-24	Ker.	18.2	18.2	18.2	18.2	18.2
Happy Farmer	12-24	Ker.	14.2	18.2	18.2	18.2	18.2
Whitney	9-18	Gas	17.5	16.6	16.6	16.6	16.6
Heider	8-16	Ker.	16.0	16.0	16.0	16.0	16.0
Avery	8-16	Ker.	16.0	16.0	16.0	16.0	16.0
Fort Houn	12-24	Ker.	16.0	14.4	14.4	14.4	14.4

Proves 29.6 horsepower at rim of rear wheels

ONE HORSEPOWER IS 33,000 POUNDS RAISED ONE FOOT IN ONE MINUTE. THE NEW HART-PARR 30 IN THE PICTURE WEIGHS 5,185 POUNDS, THE 12 MEN WEIGH 2,215 POUNDS, MAKING A TOTAL WEIGHT OF 7,400 POUNDS.

In this demonstration the tractor is running in reverse gear at 1 1/2 miles per hour, which is 132 feet per minute.

7,400 pounds multiplied by 132 feet per minute, and divided by 33,000 foot pounds equals 29.6 horsepower.

This unique demonstration designed by Hart-Parr Company and called the "Bootstrap test" is proof of the actual power delivered at the rims of the rear wheels. The cables pass around the rims of the rear wheels and around the front wheels and the tractor raises itself and the twelve men by its own power.

The clutch and brake action of the New Hart-Parr 30 are so perfect that the tractor moves up and down gently and steadily, stopping at any desired point. The tractor has such perfect balance that it is not necessary to lock the differential in making this test. The Dray Kerosene Shunt, an exclusive Hart-Parr invention, enables the engine to pass from no load to full load as the tractor goes up, and from full load to no load as it comes down, without throttling and without misfiring.

SPECIFICATIONS:

- POWER—Pulls three plows—30 H.P. on belt.
- MOTOR—2-cylinder twin, 4 cycle. Valve-in-head. 750 R.P.M.
- TRACTOR FRAME—Cast Steel, one piece. No bend, no twist.
- BEARINGS—S.K.F. and Hyatt
- CARBURETOR—New Dray Kerosene shunt.
- SPEEDS—Two forward; one reverse.
- TRANSMISSION—Selective sliding gear.
- COOLING DEVICE—Honeycomb radiator—shaft-driven pump and fan.
- LUBRICATION—Fresh oil, force feed.

WE ARE DISTRIBUTORS FOR SUPERIOR DRILLS. A FULL LINE OF REPAIRS CARRIED IN STOCK

Hart-Parr of Canada Limited

612 McIntyre Block, WINNIPEG REGINA CALGARY
 Warehouse and Show Room: 47 Higgins Ave., East.

TELEPHONES
 Office Main 2306-2307 Repairs Dept. Day Phone: Garry 3424
 Warehouse and Sales Room Main 691 Repairs Dept. Night Phone: Sher. 3715