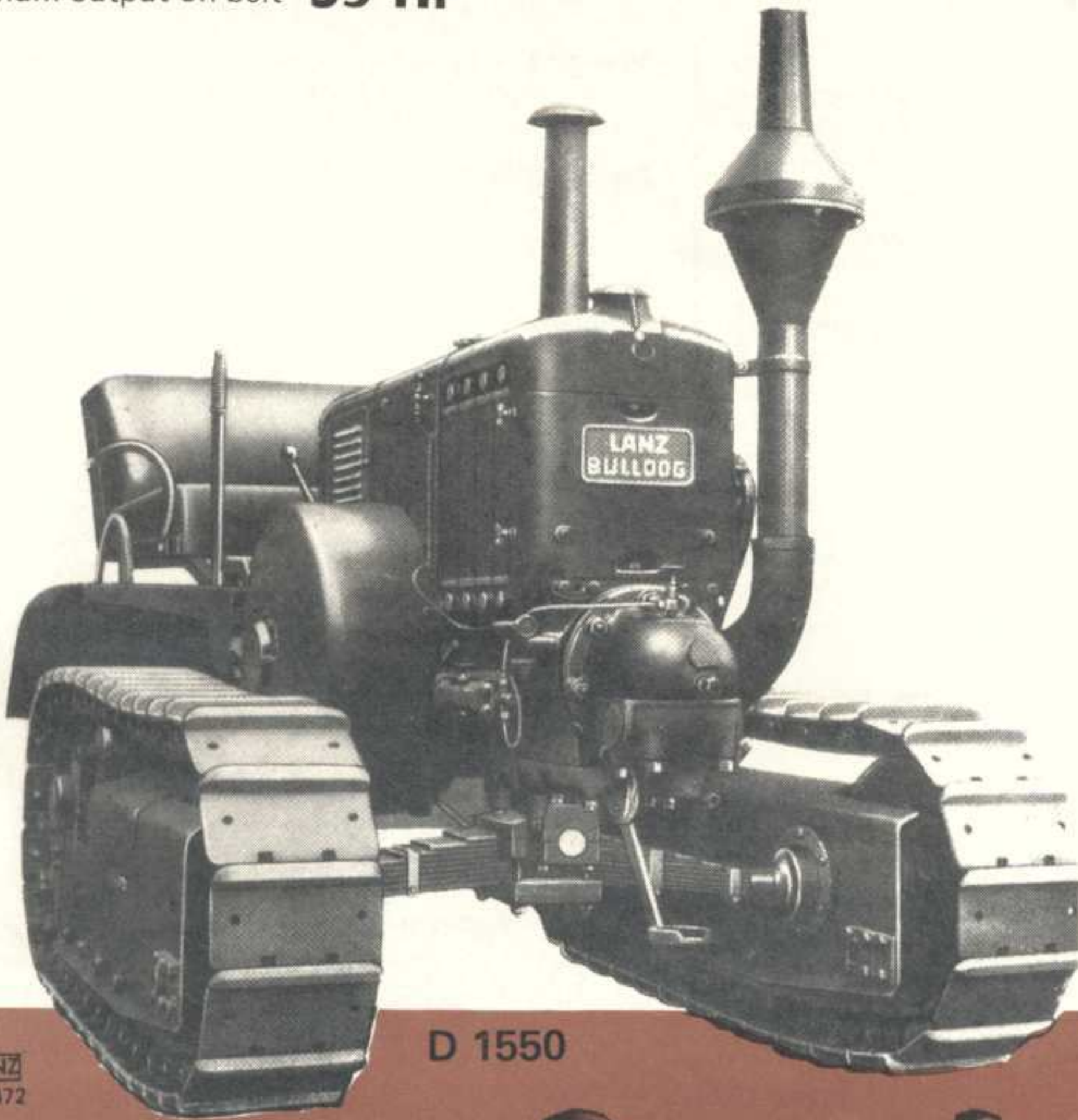


Semi-Diesel Track Type Tractor

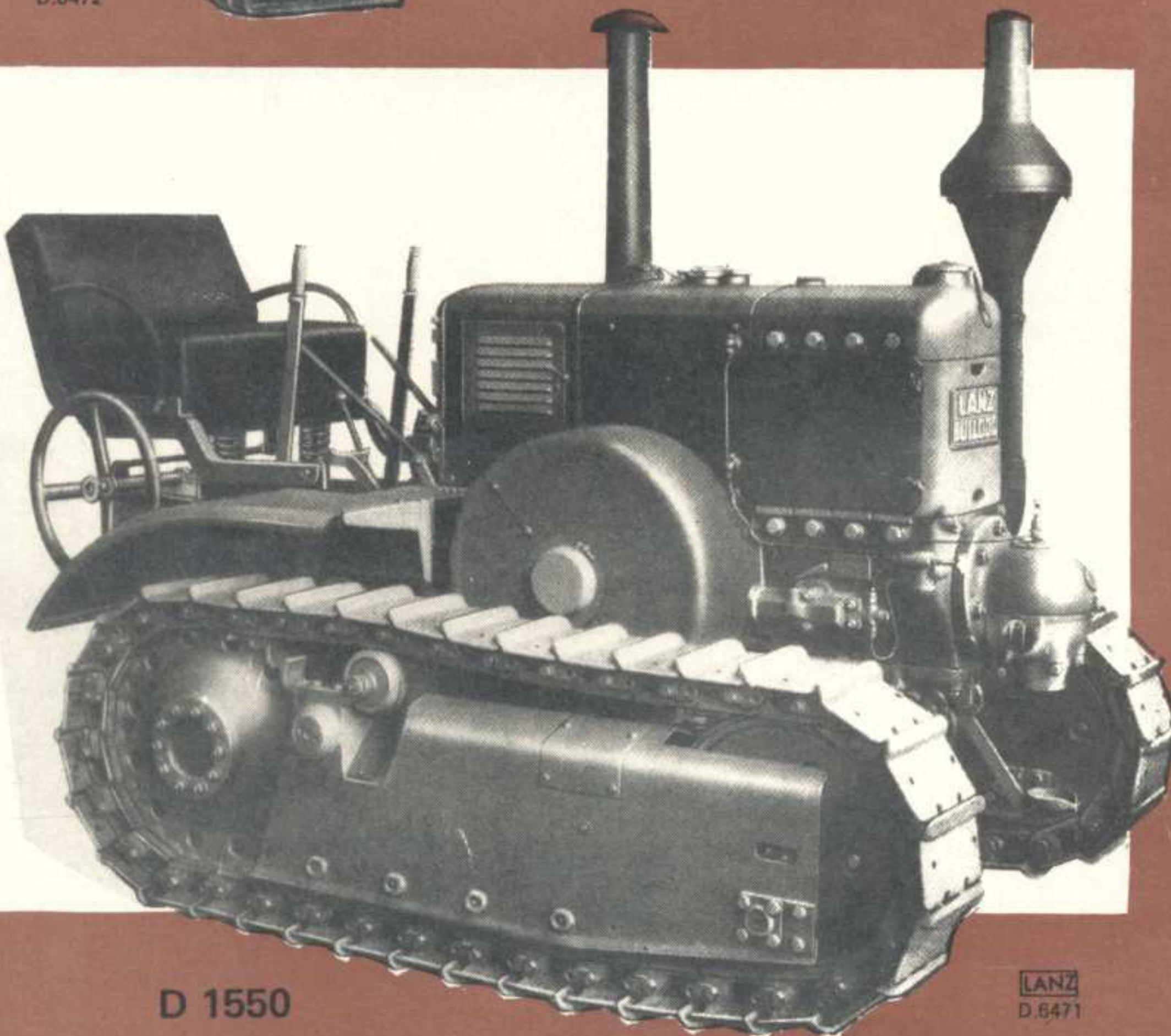
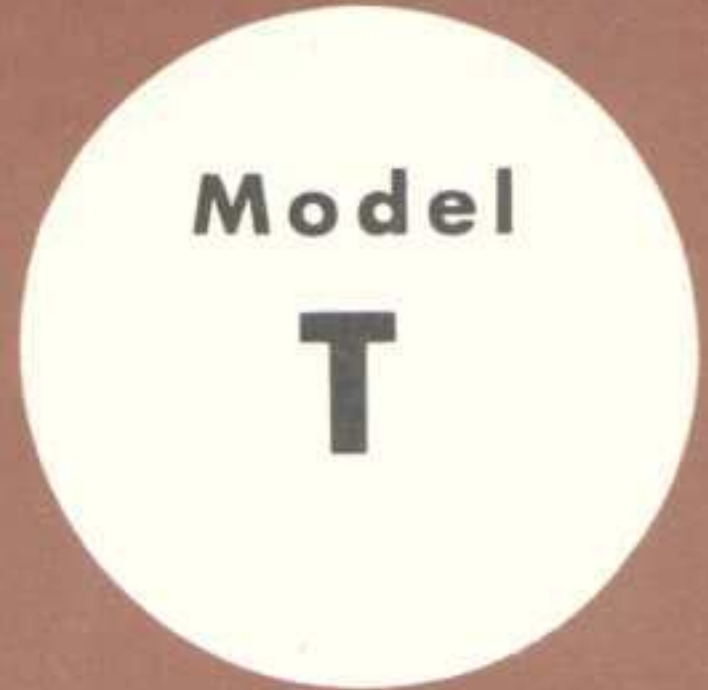
Maximum output on belt **55 HP**

Simple
sturdy
design



LANZ
D.6472

D 1550



D 1550

LANZ
D.6471

L
A
N
Z

HEINRICH **LANZ** MANNHEIM
A.-G.

Dependable
Economical

Description of Crawler in Standard Design

General — Own design and make. Block construction consisting of cylinder, crankcase and transmission housing — tracks operated by multiple dry disc clutches.

Engine — Horizontal, single cylinder, two-stroke, semi-diesel type, without valves, carburettor or magneto. 350 to 750 R. P. M.

Governor — mounted on crankshaft — permits a speed range from 350 to 750 according to fuel lever setting and load. With the fuel lever in foremost position the engine speed is kept constant at 750 R. P. M.

Lubrication of engine is by pressure through a combination of fresh and circulating oil. Fuel pump driving gear etc have wick oiler. All other parts have high pressure greasing. Oil is filtered by strainer in crankcase and by felts in oil container.

Cooling — Thermosyphon principle without pump, but with fan and 8 easily exchangeable radiator units. The cooling effect can be reduced by adjustable blind shutters, operated from driver's seat.

Air filter — Lanz high efficiency filter with oil soaked padding and air intake tube.

Exhaust — upright — with baffle plates.

Master clutch — Dry two disc clutch. — easily operated.

Pulley — declutchable and situated on off-side end of crankshaft — 26³/₄" diameter — 7¹/₂" face — 750 R. P. M.

Transmission — Sliding spur gear transmission with 6 forward speeds and 2 reverse, with roller bearings throughout — ball type selector — reduction gear and final drives in oil bath.

Steering — by 2 levers acting upon the steering clutches, and assisted (for very short turns) by a foot brake on each side.

Steering clutches — Multiple dry disc type with exchangeable friction linings in dustproof housings — easily adjustable.

Brakes — One pedal operated master clutch brake — 2 pedal operated steering clutch brakes, one of which (L. H.) also operated by hand lever with ratchet.

Equalizer beam — One semi-elliptic leaf spring of 10 leaves.

Track — Two steel frames each with 4 lower and 1 upper drop forged rollers with heat treated rims and bearings. Sprocket drive wheel and front idler drop forged with heat treated teeth and rims. Tracks of 35 shoes each with heat treated rails, reversible pins and bushes.

Fenders — over rear portion covering full width of tracks.

Platform — over transmission — very spacious.

Driver's seat — on coil springs and oil shock absorbers, upholstered with back and arm rests for 2 persons.

Drawbar — upper sprung hitch for trailers — lower swinging for implements — lateral movement limitable.

Regular equipment — Starting wheel, air intake tube, blow lamp, grease gun, tool box with an adequate outfit of tools and minor replacement parts.

Specifications

Maximum belt output 55 HP

Maximum drawbar power 35 HP

Fuel — Gasoil, diesel-oil, fuel-oil, pakura, lignite tar oil. Vegetable oil, fish oil and alcohol require special equipment.

Fuel consumption . . . about 1/2 pint per HP and hour.

Fuel tank capacity about 20 imp. gallons.

Oil consumption . . . about 7 pints per working day.

Oil tank capacity about 1 1/2 imp. gallons

Water tank capacity about 11 imp. gallons.

Working speeds and Drawbar pull

(on the field):

Gear	miles per hour at 750 R. P. M.	maximum drawbar pull
1st	2.-	6830 lbs
2nd	2.4	5290 "
3rd	3.-	4410 "
4th	3.4	3640 "
5th	4.1	2650 "
6th	5.-	2200 "
1st reverse	2.6	—
2nd reverse	3.1	—

Measurements and Weights

Overall length	10'
" width	6' 1 1/2"
" height	7' 7"
Ground clearance	13 3/4"
Centre to centre of tracks	57 1/2"
Track shoe width	12"
Length track on ground	63"
Total ground contact area	1500 square inches

Total number of track shoes	70
Height from ground of	
upper (trailer) hitch	24 3/4"
lower (implement) hitch	16 1/2"
Turning radius	65"
R. P. M. of power take-off	612
Weight	10250 lbs

Special Equipment

Angle grouters for track shoes — in sets of 24, 34 or 70 pieces of 2 3/8 or 4" height.

Track shoe extension plates — width 22" — projecting 10" — set of 70 pieces.

Row crop plates for track shoes — width 7 1/2" — set of 70 pieces.

Electric light outfit — (Bosch make) comprising 6 volt

dynamo, steel battery, 2 Bilux dipping head lights, inspection lamp, tail light and horn.

Electric starting outfit dispensing with blow lamp, comprises Bosch ignition coil, sparking plug, switch etc

Canopy with side and rear curtains.

Power take-off on off-side of gear case — dustproof enclosed — running on tapered roller bearings.