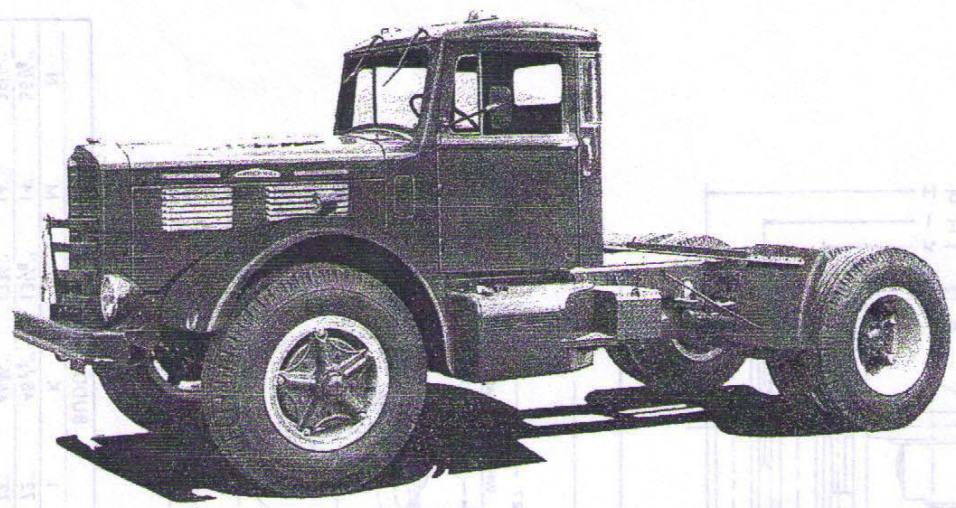




# BROCKWAY TRUCKS



## MODEL 255W TRACTOR SPECIFICATIONS

GROSS COMBINED WEIGHT — Tractor, Trailer and Payload - 65,000 lbs.

TRACTOR AND CAB WEIGHT — with 88 gallons gasoline in tanks - approx. 10,715 lbs.

**AXLE, FRONT** — Shuler FE-10A43, I-Beam section, drop forged alloy steel, heat treated for maximum strength. Track 71/4". Capacity on the tires 10,000 lbs.

**AXLE, REAR** — Eaton 20503, Two-speed, full floating type. Capacity on the tires 23,000. Gear Ratios - 5.43, 7.39, 6.14/8.36 or 6.71-9.13 to 1.

### Available Rear Axle

Timken RT-243, Double Reduction, full floating type. Gear Ratios - 6.10, 7.21 or 7.69 to 1.

NOTE - Axle Ratings are nominal and subject to operating conditions.

**BRAKES, SERVICE** — Bendix-Westinghouse Air Brakes. 7/4 cu. ft. air compressor. Limiting valve for front wheel brakes. Reservoir check valve. Tractor breakaway valve. Trailer connections and hose. Hand control valve. Shuler front brake size 16 1/4" dia. x 3 1/2". Eaton rear brake size 16 1/2" dia. x 7". Total brake lining area 712.25 sq. in. Timken rear brake size 16 1/2" dia. x 7". Total brake lining area (with Timken rear) 694.75 sq. in.

**BRAKE, HAND** — Two shoe, 14" True-Stop disc on propeller shaft. Lining area 45 sq. in.

**BUMPER, FRONT** — Pressed steel channel, 6" section.

**CAB** — Brockway Model 41G, with adjustable driver's seat. Air Wing vents in doors. Rear quarter vent windows. Two air windshield wipers. Two rear vision mirrors. Two deck marker lights, three deck identification lights, dash light and dome light. Equipped with safety glass throughout.

**CLUTCH** — Lipe-Rollway 15" single dry disc. Effective lining area 247 sq. in.

**COOLING SYSTEM** — Finned tube radiator - total water capacity 40 qts. Four blade fan, 23" diameter, driven by two V-belts.

**DRIVE LINE** — Tubular shafts with Spicer Model 1600 needle bearing universal joints. Mounted on self-aligning ball bearings.

**ELECTRICAL** — Two batteries 6 volt, 17 plate, 120 amp. hr. rating each. Generator 12 volt, 55 amp. output. Voltage and current regulator. 12 volt starting motor with foot switch. Parking lights, two stop and tail lights. Sealed beam head lights with foot switch beam control. Dual electric horns. Trailer light plug. Front turn signals only.

**ENGINE** — Brockway-Continental Model 48-BD. Six cylinders, overhead valve type. Displacement 572 cu. in. Bore and Stroke 4 3/4" x 5 3/8". Maximum Gross Brake Horsepower 230 @ 2800 R.P.M. Maximum Gross Torque 484 ft. lb. @ 1400 R.P.M. Compression ratio 6.3 to 1. Carburetor 1 5/8" Duplex (downdraft). Intake manifold individually ported. Air cleaner. Pressure lubrication. Crankcase oil capacity 14 qts. Two oil filters with replaceable elements. Oil cooler, Governor, mechanical type, set at 2700 R.P.M.

**FRAME** — Chrome manganese steel, heat treated channel. Side rail section 8 1/8" x 3 7/8" x 3/8". Section Modulus 9.9 each rail.

**FUEL TANKS** — Two 44 gallon step tanks. Saddle tanks are available.

**SPRINGS** — Front 23 leaves, 40" x 2 1/2". Rear, main 16 leaves, 54" x 3", auxiliary 8 leaves, 34 x 3". Horcnkiss Drive. (Radius Rod Drive is available.)

**STEERING** — Ross TA70, cam and double lever type. Ratio 24 to 1. Diameter of steering wheel 20".

**TRANSMISSION** — Fuller, five speeds forward and one reverse.

	Overdrive Model 5C650	or	Direct in 5th Model 5C65
Reduction in first gear	6.37 to 1		8.08 to 1
Reduction in second gear	3.40 to 1		4.67 to 1
Reduction in third gear	1.74 to 1		2.62 to 1
Reduction in fourth gear	1.00 to 1		1.69 to 1
Reduction in fifth gear	0.788 to 1		1.00 to 1
Reduction in reverse gear	6.40 to 1		8.12 to 1

**WHEELS & TIRES** — Four cast spoke wheels and seven 7.5 - 5" rims. Standard - six 10.00-22, 12 p.r. tires and tubes. Available - six 11.00-20 or 11.00-22, 12 p.r. tires and tubes. Optional - six Budd disc wheels, 10 stud.

**WHEELBASE** — Standard 144". Back of cab to center of rear axle 69 1/2". Longer or shorter wheelbases are available.

**STANDARD EQUIPMENT** — Crown front fenders, quarter rear fenders, front tow loops, front shock absorbers, radiator guard, wood frame liners over rear axle, hydraulic jack, grease gun, speedometer, engine tachometer, oil gauge, gasoline gauge, low pressure air indicator, ammeter and heat indicator.

As we are constantly striving to improve Brockway Trucks, we reserve the right to change specifications and prices without notice.