

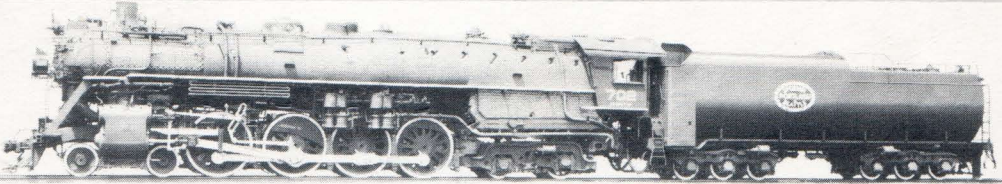
# POWER and SPEED

New Giant

## PASSENGER and FREIGHT LOCOMOTIVES



Spokane, Portland & Seattle Railway  
Oregon Trunk Railway



### PASSENGER—Baldwin Locomotive Works, 1938

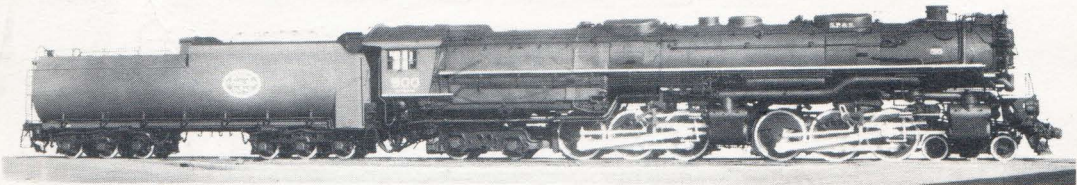
These engines rank among the largest and most powerful and fastest of their type, which perform with remarkable ease and fidelity in the maintenance of limited schedules under demand of heavy loads.

Every feature of modern craftsmanship has been wrought into their structure, which contributes to comfort of passengers by easy train movement.

They are in service on the fast night runs of the Spokane, Portland & Seattle Railway between Portland and Spokane of the famous *Empire Builder* of the Great Northern Railway and the *North Coast Limited* of the Northern Pacific Railway, with the

the Burlington Route, between Portland, Spokane, the Twin Cities and Chicago.

The impressive size and power of these locomotives are gained from a few figures. Length of engine 63'4 $\frac{3}{4}$ ", tender 47'2", total 110'6 $\frac{3}{4}$ ". Weight of engine 485,820 lbs., tender 379,700 lbs., total 865,520 lbs. Diameter of boiler 88", driving wheels 77", cylinders 28" with 31" piston stroke. Steam pressure 260 lbs. per square inch. Tractive power 69,800 lbs. Height 16'10 $\frac{7}{8}$ ", width 11'6". Capacity of tender 20,000 gals. water and 6,000 gals. fuel oil.



### FREIGHT—American Locomotive Company, 1937

These are powerful, simple Mallet engines of proven type for easy performance of heavy freight duty, even on mountain grades.

Their record in service on these lines has been one of sustained satisfaction under heavy demand.

They are on runs of the Spokane, Portland & Seattle Railway between Wishram, Wash. and Spokane, 273.4 miles—with maximum grade of .2 of one percent between Wishram and Snake River Jct., 150.8 miles; 1.2 percent between Snake River Jct. and Spokane, 122.6 miles; and on the Oregon Trunk

Railway 1.5 percent between Wishram and Bend, 151.5 miles.

Their great power, size and speed are indicated by the dimensions shown below. Two complete power units are in each engine. Length of engine 75'5 $\frac{3}{8}$ ", tender 51'7 $\frac{5}{8}$ ", total 127'1". Weight of engine 621,000 lbs., tender 393,700 lbs., total 1,014,700 lbs. Diameter of boiler 96" driving wheels 69", cylinders 23" with 32" piston stroke. Steam pressure 250 lbs. per square inch. Tractive force 104,500 lbs. Height 16'11 $\frac{1}{2}$ ". Capacity of tender 20,000 gals. water, 6,000 gals. fuel oil.

**NEW**

*Powerful. Fast*

**PASSENGER and FREIGHT**

**Motive Power**

*on the*

Spokane Portland & Seattle

Oregon Trunk

Railways

**The Last Word in the**

**Builders' Craftmanship**

