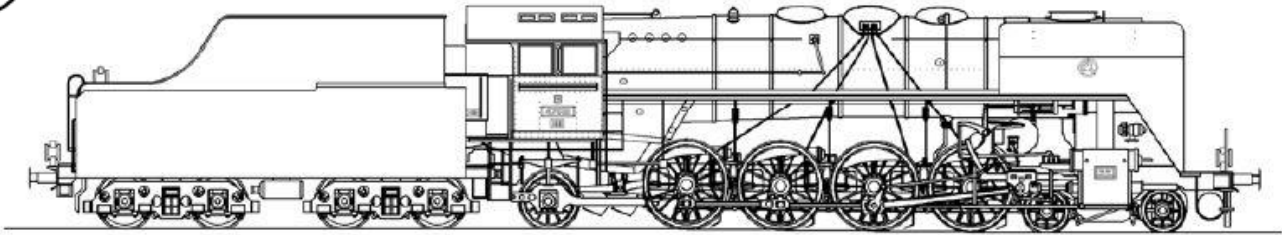




Steam locomotive 475.111 „Plzeň“



Characteristics and technical data of the locomotive with the tender

Multipurpose steam locomotive for hauling of fast trains, passenger trains and fast freight trains.

Characteristic	4-8-2
Gauge	1 435 mm
Number and bore of cylinders	2 × 530 mm
Piston stroke	680 mm
Driving wheels diameter	1 750 mm
Wheels diameter - Leading bogie / Trailing	880 / 1 150 mm
Tender wheels diameter	1 045 mm
Boiler steam pressure	16 bar
Grate area	4,34 m ²
Indicated power of steam engine	2 000 HP
Maximal speed	100 km/h
Total weight in working order	168,6 t
Minimum track radius	150 m
Total length over buffers	24 790 mm
Capacity of Tender – Coal / Water	11,2 t / 32 m ³

History of the Locomotive

- November 1947 - Produced by Škoda Works in Plzeň as serial number 1833/1947
- 1948 - Put into operation in depot Plzeň for fast and passenger trains on line Cheb – Plzeň – Praha
- 1955 - Transferred to depot Chomutov for traffic on railway line Cheb – Chomutov – Praha
- 1977 - End of regular operation in depot Louny, transfer to prepared railway museum Česká Třebová
- 1983 - New owner – Museum of Škoda Works Plzeň
- 1984 - First presentation as museum exhibit in Plzeň on celebrations of 125 years of Škoda Works
- 1990 - Acquired to contemporary owner - Iron Monument Club Plzeň
- 1993 - Overhaul of steam boiler and steam engine by ŽOS České Velenice
- 1994 - Begin of general overhaul carried out by IMC members
- 10. 8. 1996 - First official run with passenger train after overhaul
- 3. 5. 1997 - Celebratory baptism of the locomotive in name Plzeň
- 1999 - First abroad presentation on celebrations of 100 years of Traffic Museum Nürnberg
- 2001 – 2004 - Graduated total undercarriage overhaul
- 2006 - Total overhaul of steam engine and steam cylinders
- 2007 - Participation on celebrations of 100 years depot Wolsztyn, Poland
 - Presentation on railway festival within the celebrations of 1000 years City of Fürth, Germany
- 2. 9. 2011 - Assigned 12-figures international nomenclature 90 54 3998 016-0
- 2012 / 2013 - Overhauling and boiler retrofitting
- 11. 5. 2013 - First run after overhauling and boiler retrofitting

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