

# UNION PACIFIC Challenger 3985



## — Technical Specifications —

縮尺・ゲージ	Scale/Gauge	1/32 Gauge one (45 mm)
重量	Weight	14.3 kg (28.6 lbs.)+ Tender 4.3 kg (8.6 lbs.)
全長	Length	1140mm
全幅	Width	105mm
全高	Height	154mm
車輪配列	Wheel Arrangement	2-3-3-2/4-6-6-4 Challenger
動輪径	Driving Wheel	52.5mm (Cast Iron 鑄鉄製)
従輪径	Pilot Truck Wheel	27mm (Cast Iron 鑄鉄製)
炭水車車輪径	Trailer Truck Wheel	32mm (Cast Iron 鑄鉄製)
自動給水	Axle Driven Pump	Twin Axle Driven Pumps Bore / Stroke 5 x 10 mm
シリンダー	Cylinder	4 Cylinders with functional Drain Valves Cylinder Bore 15 mm × Stroke 24 mm
ボイラー形式	Boiler	Φ70 mm C type boiler with 11 smoke tubes with Electric Headlight

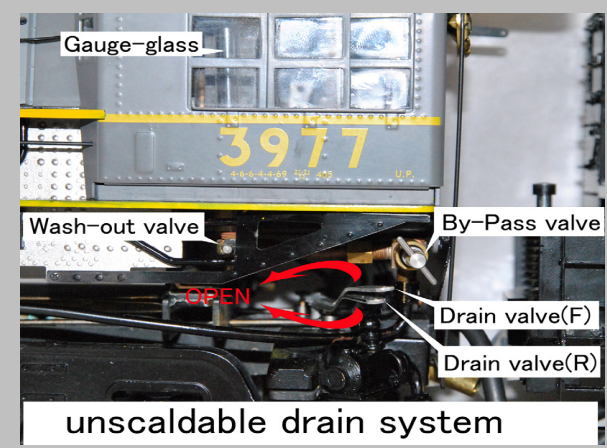
弁装置	Valve Gear	Walschaert type
缶水容量	Boiler Capacity	750 ml (at 80% full)
ボイラー装備	Boiler Fittings	Regulator, Blower, Reverser, By-pass valve, 2x Cylinder drain valve handles, Fire Box Door, Whistle, Water Gauge, Pressure Gauge, 2x Safety Valves
給油装置	Lubricator	Roscoe displacement type (two oil tanks)
常用圧力	Normal Working Pressure	3.5 kg/ cm <sup>2</sup>
バーナー	Burner	15 tube ceramic wick burner
燃料容量	Tender Fuel Tank Capacity	500 ml
水槽容量	Tender Water Tank Capacity	1000 ml
炭水車装備	Tender fittings	Drain Plug, hand pump, Tender fuel shut off valve
最小回転半径	Minimum Radius	3M



Aster Hobby Co. Inc. of Yokohama, Japan is proud to have created a limited series of these two historical locomotives as working 1/32 scale Gauge One live steam models. We express our gratitude to the Union Pacific Railroad for granting copy rights for this project and to the UP Historical Society for making available original manufacturing drawings. Our appreciation also goes out to Mr.Hans Huwyler of Aster Hobby USA LLC for his efforts and dedication in making this project become reality.

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