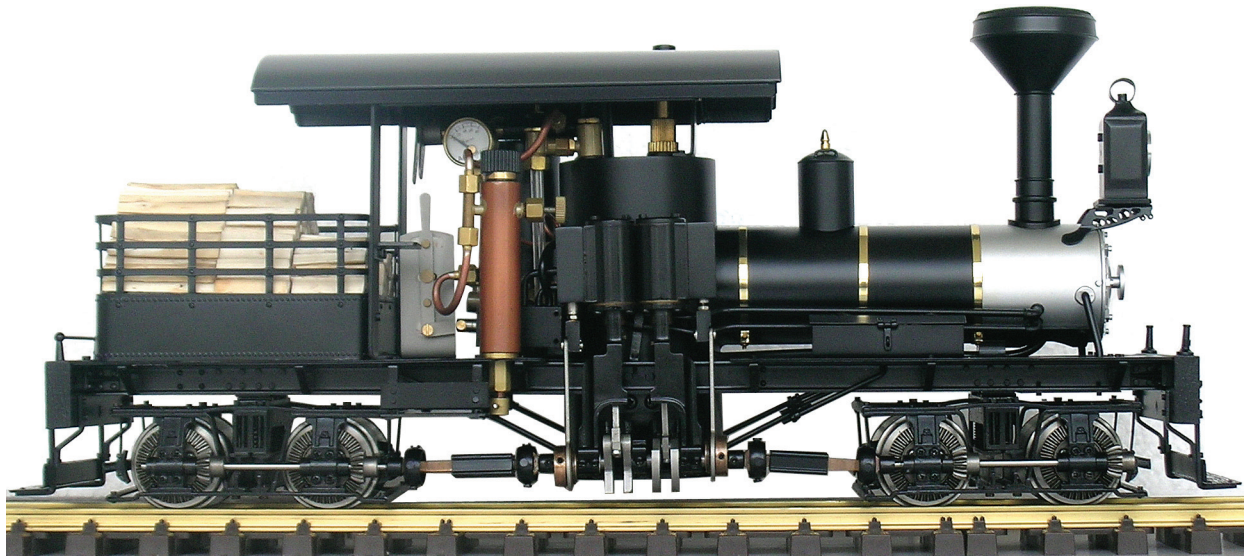


# SHAY - TWO TRUCK

1:20.3 SCALE • 45 mm GAUGE



Shay locomotives were developed by Ephraim Shay. His first successful engine that we would recognize today as a Shay locomotive was produced in 1880 by Lima Machine Works (later, Lima Locomotive Works), who would go on to produce approximately 2,700 up until 1945, when production ceased.

Shay locomotives are unusual in that they are powered by a steam engine of either two or three cylinders mounted vertically near the cab on the right side of the locomotive (although there were a very few with the engine on the left). The boiler was offset on the frame to counterbalance the weight of the engine. The engine drove a drive shaft that, through flexible couplings, turned bevel gears that engaged the wheels. This type of engine is known as a geared engine, since the wheels turn at a different rate from the engine, due to the gear ratio. This arrangement made the engine very flexible and able to negotiate raggedy track without derailing. Because of this characteristic as well as its great power, it was an exceedingly popular engine with logging companies and other industries that relied on tough engines in unforgiving situations.

## SPECIFICATIONS

Scale	1:20.3
Gauge	45 mm
Mini. radius	48 in. (1.2 M)
Dimensions	17.5 x 4.5 x 7.8 in.
Construction	Brass & stainless steel

## Electric Version

Power	0~24V DC
	Steel gears drive system
Features	Full valve gear details
	Full cab details

## Live Steam Version

Power	Live steam, butane fired
Boiler	Copper, butane, single flue
Valve	Piston valve
	Safety valve
Features	Pressure gauge
	Water level gauge
	Throttle
	Lubricator

ITEMS SUBJECT TO CHANGE IN PRICE, COLOR, SPECIFICATION, DESIGN AND AVAILABILITY WITHOUT NOTICE.

**ACCUCRAFT** 33268 CENTRAL AVE, UNION CITY, CA 94587, USA TEL: (510) 324-3399 FAX: (510) 324-3366  
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# SHAY - TWO TRUCK

1:20.3 SCALE • 45 mm GAUGE



## ORDER INFORMATION

### Electric Version

Sku	Description
AC78-801	Shay - 13T Open Cab, Electric
AC78-802	Shay - Mich. Cal. #2, Electric
AC78-803	Shay - Mich. Cal. Unlettered, Electric

### Live Steam Version

Sku	Description
AC77-201	Shay - 13T Open Cab, Live Steam
AC77-202	Shay - Mich. Cal. #2, Live Steam
AC77-203	Shay - Mich. Cal. Unlettered, Live Steam

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