

USRA LIGHT/HEAVY MIKADO 2-8-2

LIMITED PRODUCTION • 1:32 SCALE • 45 mm GAUGE



ENGINEERING SAMPLE SHOWN

Coming this year, we will be releasing an improved version of Aster's USRA Light Mikado 2-8-2. The original Aster Light Mikado was produced in 1999 and was offered in a basic version with available upgrades. See the list of new features below that have been added to this new updated design. Production quantity will be limited to 60 units.

Directly following the Light Mikado, we will introduce the brand new Aster USRA Heavy Mikado 2-8-2, with delivery planned for November 2018. This model will share many of the same improved features as the Light Mikado but with the larger boiler casing, larger smokebox and cab of the Heavy Mikado. Production quantity limited to 160 units.

SPECIFICATIONS	
Scale	1:32
Gauge	45 mm
Construction	Brass & stainless steel
Mini. radius	6 1/2 ft. (2 M)
Dimensions	30.20 x 4.02 x 6.49 in. (758 x 102 x 164.8 mm)
Fuel	Methylated alcohol

Driving wheel	1.97 in. (50 mm)
Pilot & trailer truck wheel	1.02 in 1.34 in (26 mm 34 mm)
Tender truck wheel	1.02 in. (26 mm)
Boiler	Smoke tube type (B type)
Valve	Walschaerts valve gear
Cylinder	2 cylinders (Bore 13mm Stroke 20mm)
Lubricator	Roscoe displacement type
Burner	3 tubes alcohol burner
Tender	Hand operation pump
Features	Two safety valves
	Regulator valve
	Blower valve
	Reverser handle
	Drain valve handle
	By-pass valve
	Pressure gauge
	Water level gauge
	Blow-down valve
	400 cc water capacity at 70% full
500 cc water tank capacity	
300 cc fuel capacity at 80% full	
Axle driven pump	

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NEW FEATURES OF THE ASTER ACCUCRAFT LIGHT MIKADO

Cast-Iron driver wheels

Fully equalized chassis

Stainless steel machined driving rods

Axle pump with additional 20% capacity from previous option

Washout plug for the water gauge

Newly designed tender

Kingston valve in water tank

Increased water capacity (450cc)

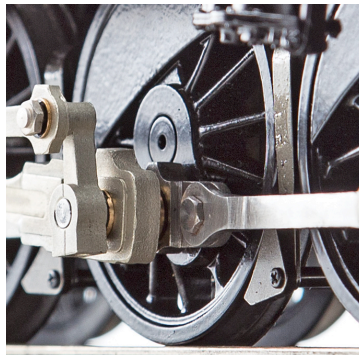
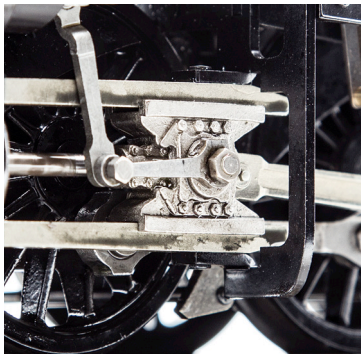
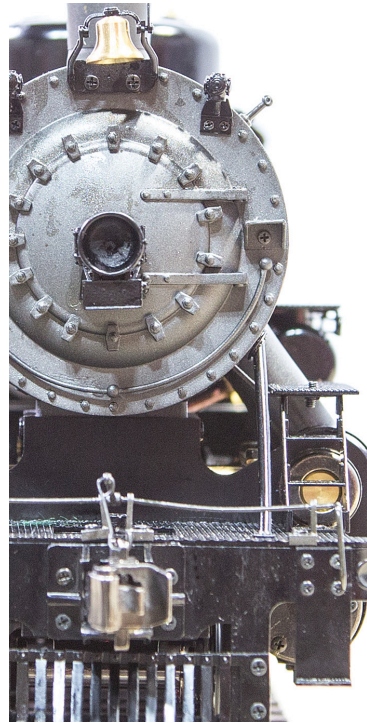
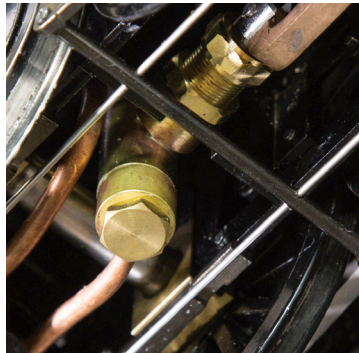
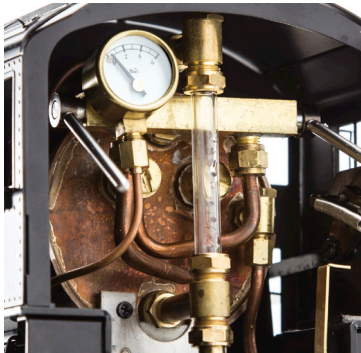
Increased fuel capacity (300cc)

Detachable fuel tank

Walschaerts valve gear

Detachable roof

Many newly designed aesthetic details added around smokebox, front buffer, and boiler case.



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ORDER INFORMATION

SKU	Description
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Light Mikado

AST-103-0K	USRA Light Mikado 2-8-2, Undecorated, Black, Alcohol Fired, Kit
AST-103-0R	USRA Light Mikado 2-8-2, Undecorated, Black, Alcohol Fired, Ready To Run
AST-103-1K	USRA Light Mikado 2-8-2, New York Central Railroad, Alcohol Fired, Kit
AST-103-1R	USRA Light Mikado 2-8-2, New York Central Railroad, Alcohol Fired, Ready To Run
AST-103-2K	USRA Light Mikado 2-8-2, Union Pacific Railroad, Alcohol Fired, Kit
AST-103-2R	USRA Light Mikado 2-8-2, Union Pacific Railroad, Alcohol Fired, Ready To Run
AST-103-3K	USRA Light Mikado 2-8-2, Baltimore & Ohio Railroad, Alcohol Fired, Kit
AST-103-3R	USRA Light Mikado 2-8-2, Baltimore & Ohio Railroad, Alcohol Fired, Ready To Run

Heavy Mikado

AST-105-1K	USRA Heavy Mikado 2-8-2, Undecorated, Black, Alcohol Fired, Kit
AST-105-1R	USRA Heavy Mikado 2-8-2, Undecorated, Black, Alcohol Fired, Ready To Run
AST-105-2K	USRA Heavy Mikado 2-8-2, Erie Railroad, Alcohol Fired, Kit
AST-105-2R	USRA Heavy Mikado 2-8-2, Erie Railroad, Black, Alcohol Fired, Ready To Run
AST-105-3K	USRA Heavy Mikado 2-8-2, CB&Q Railroad (Burlington Route), Alcohol Fired, Kit
AST-105-3R	USRA Heavy Mikado 2-8-2, CB&Q Railroad (Burlington Route), Alcohol Fired, Ready To Run
AST-105-4K	USRA Heavy Mikado 2-8-2, Milwaukee, Alcohol Fired, Kit
AST-105-4R	USRA Heavy Mikado 2-8-2, Milwaukee, Alcohol Fired, Ready To Run
AST-105-5K	USRA Heavy Mikado 2-8-2, Southern Railroad, Alcohol Fired, Kit
AST-105-5R	USRA Heavy Mikado 2-8-2, Southern Railroad, Alcohol Fired, Ready To Run
AST-105-6K	USRA Heavy Mikado 2-8-2, Great Northern, Alcohol Fired, Kit
AST-105-6R	USRA Heavy Mikado 2-8-2, Great Northern, Alcohol Fired, Ready To Run

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