

[manuals.plus](#) /› [ASMAX](#) /› [ASMAX T20 Multi-Function Jump Starter and Air Compressor User Manual](#)

ASMAX T20

ASMAX T20 Multi-Function Jump Starter and Air Compressor User Manual

Model: T20 | Brand: ASMAX

1. INTRODUCTION

The ASMAX T20 is a versatile and essential tool designed for automotive and outdoor use. It integrates a powerful 4000A peak current jump starter, a 150 PSI air compressor, a 12000mAh power bank, and an emergency LED flashlight. This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your ASMAX T20 device. Please read this manual thoroughly before first use and retain it for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device.

- **General Safety:** Keep the device away from children. Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Store in a cool, dry place.
- **Jump Starting Safety:**
 - Ensure correct polarity when connecting the clamps (red to positive, black to negative). Incorrect connection can cause sparks or damage.
 - Wear eye protection and gloves when jump starting.
 - Do not allow the red and black clamps to touch each other, as this can cause a short circuit.
 - Do not attempt to jump start a frozen battery.
 - Ensure the vehicle's ignition is off before connecting the jump starter.
- **Air Compressor Safety:**
 - Do not overinflate tires or other items. Always check the recommended pressure for the item being inflated.
 - Monitor the pressure gauge during inflation to avoid exceeding the maximum pressure.
 - The air hose may become hot during prolonged use. Handle with care.
- **Battery Safety:**
 - Do not disassemble, modify, or immerse the device in water.

- Charge the device only with the provided USB-C cable.
- Avoid exposing the device to extreme temperatures (below -20°C or above 45°C).
- If the battery swells, leaks, or emits an odor, discontinue use immediately.

The ASMAX T20 incorporates 10 levels of safety protection, including spark-proof, reverse polarity, short circuit, overload, over-voltage, over-current, high/low temperature, overcharge, and reverse charge protection, ensuring safe operation.

10 Funciones de Seguridad Incorporadas

Protección Completa para Tu Tranquilidad



Sobrecarga de Batería



Alta Temperatura



Polaridad Inversa



A prueba de Chispas



Parada Automática



Sobrecorriente



Cortocircuito



Sobretensión



Sobrecarga



Carga Inversa

Image: The ASMAX T20 features 10 integrated safety protections for secure operation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Arrancador con Compresor de Aire T20 (Jump Starter with Air Compressor T20)
- Válvula Schrader Extendida (Extended Schrader Valve)
- Aguja para Inflar Balones (Ball Inflation Needle)
- Válvula Schrader (Schrader Valve)
- Válvula Presta (Presta Valve)
- Cable de Carga USB-C (USB-C Charging Cable)
- Manguera de Aire Inflable (Inflatable Air Hose)
- Cable de Puente de 12V con Pinzas (12V Jumper Cable with Clamps)
- Bolsa de Almacenamiento (Storage Bag)
- Manual de Usuario (User Manual)

Contenido de la Caja



Image: All components included in the ASMAX T20 product box.

4. PRODUCT OVERVIEW

The ASMAX T20 features a compact design with an intuitive interface. Familiarize yourself with the device's components and controls.



Image: The ASMAX T20 device and its accessories.

4.1. Main Unit Features

- **Large LCD Display:** Shows real-time tire pressure, battery level, and selected modes.

Luz LED de Emergencia

Ilumina los Espacios Oscuros con una Potente Luz



The main image shows a man with a beard and short hair, wearing a dark hoodie, leaning over a car's open hood. He is holding a grey, rectangular portable LED emergency light. The light has a small LCD screen on top and a bright white LED beam illuminating the engine bay. The car's engine and various hoses are visible in the background.

Iluminación Constante

Modo Intermitente

Advertencia Estroboscópica



A security guard wearing a black uniform with 'SECURITY' printed on the back is using a handheld LED flashlight to illuminate a dark hallway.

Corte de Energía



A person in a red jacket is standing in a dark, open field, holding a handheld LED flashlight to light their way.

Uso en Exteriores



A blue car is parked on a dark road at night. A person is standing behind it, holding a handheld LED flashlight to signal for help.

Advertencia Intermitente

Image: The high-definition LCD screen provides clear information.

- **Control Buttons:** Intuitive buttons for power, mode selection, and pressure adjustment.
- **Jump Start Port:** Connects to the 12V jumper cables.
- **Air Hose Port:** Connects the inflatable air hose.
- **USB-A Output Port:** For charging external devices (power bank function).

Banco de Energía de 12000mAh

Carga Rápida, sin Preocupaciones de Batería



USB-A
Salida



Tipo-C
Entrada

Image: The ASMAX T20 functions as a 12000mAh power bank.

- **USB-C Input Port:** For charging the ASMAX T20 device.
- **LED Flashlight:** Integrated high-intensity LED light with multiple modes.

Pantalla Grande, Fácil de Usar

Control Sencillo y Navegación Intuitiva



Image: The device includes a powerful LED emergency light.

5. SPECIFICATIONS

Feature	Specification
Maximum Current	4000A
Pressure Range	2-150 PSI / 0.1-10.3 BAR
Air Flow	28 L/min
Operating Temperature Range	-20°C to 45°C (-4°F to 113°F)
Battery Capacity	12000mAh / 44.4Wh
Input Voltage	5V (USB-C)
Engine Support (Gasoline)	Up to 9.0L
Engine Support (Diesel)	Up to 8.0L
Vehicle Type Compatibility	All 12V vehicles (motorcycles, cars, SUVs, ATVs, vans, trucks, lawnmowers)
Dimensions	5 x 7.1 x 9 cm
Weight	700 g

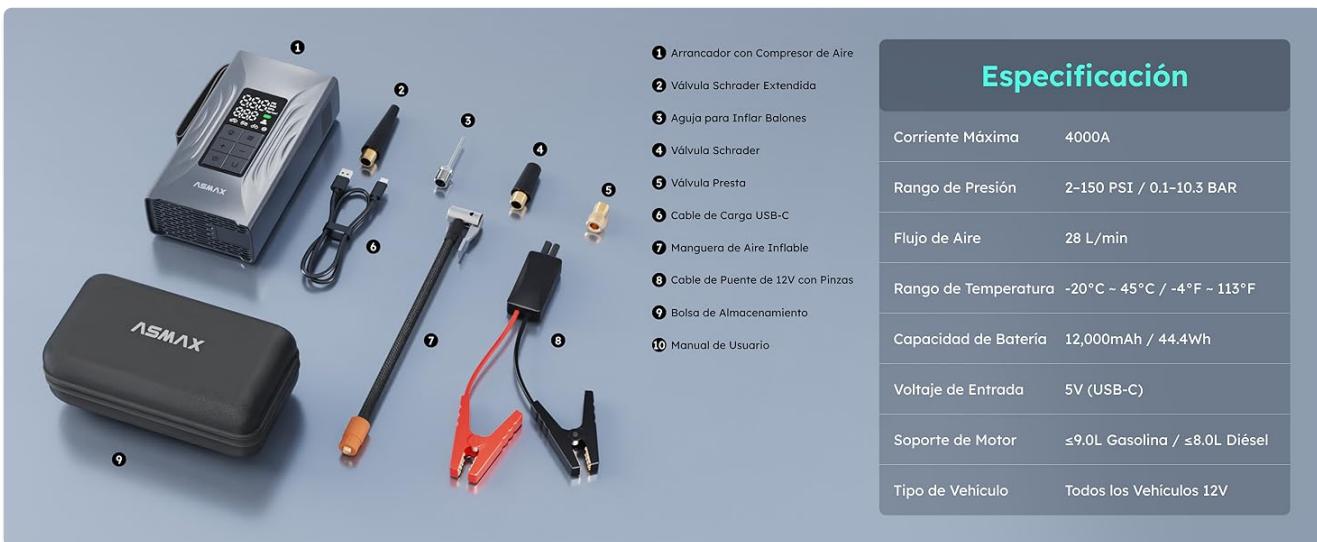


Image: Comprehensive specifications of the ASMAX T20.

6. SETUP

6.1. Initial Charging

Before first use, fully charge the ASMAX T20. Connect the provided USB-C charging cable to the device's USB-C input port and a compatible 5V USB power adapter (not included). The LCD display will indicate the charging status. A full charge typically takes 3-4 hours.

7. OPERATING INSTRUCTIONS

7.1. Jump Starting a Vehicle

The ASMAX T20 can jump start 12V gasoline vehicles up to 9.0L and diesel vehicles up to 8.0L.

- 1. Prepare the Vehicle:** Ensure the vehicle's ignition is off and the parking brake is engaged.
- 2. Connect the Booster:** Insert the 12V jumper cable with clamps into the jump start port on the ASMAX T20.



Image: Steps for instant vehicle restart using the ASMAX T20.

- 3. Connect to Battery:** Attach the red (positive, +) clamp to the positive terminal of the vehicle's battery. Attach the black (negative, -) clamp to the negative terminal of the vehicle's battery. Ensure a secure connection.

150PSI Infla en Segundos, Conduce Sin Esperar

Inflado para Neumáticos y Pelotas



35L /MIN

Caudal de Aire

≤ 1 MIN

28PSI ➤ 36PSI



Image: Proper connection of jumper clamps to a car battery.

4. **Start Vehicle:** Once connected, the green light on the jumper cable connector will illuminate, indicating a ready state. Start the vehicle's engine. If it doesn't start immediately, wait 30 seconds before trying again. Do not crank for more than 3 seconds per attempt.
5. **Disconnect:** Once the vehicle starts, immediately disconnect the black (negative) clamp first, then the red (positive) clamp. Remove the jumper cable from the ASMAX T20.



Image: The ASMAX T20 in use for both jump starting and tire inflation.

7.2. Using the Air Compressor

The 150 PSI air compressor can inflate tires, balls, and other inflatables quickly.

- 1. Connect Nozzle:** Select the appropriate nozzle for your item and securely attach it to the inflatable air hose. Connect the air hose to the air hose port on the ASMAX T20.



Clima Extremo



Langes Stillstehen



Batería Descargada



Neumático Pinchado

Apoyo Confiable en Cada Momento Que Lo Necesitas

Image: Steps for effortless inflation using the ASMAX T20.

- Select Mode & Set Pressure:** Turn on the device. Long press the mode button to select from 5 preset modes (balls, bicycles, motorcycles, cars, custom). Use the '+' and '-' buttons to adjust the target pressure. The LCD screen will display the current and target pressure.
- Start Inflation:** Connect the nozzle to the item to be inflated. Press the power button to start inflation. The compressor will automatically stop once the preset pressure is reached.
- Disconnect:** Disconnect the nozzle from the item and the air hose from the device.

Nunca Te Quedes Tirado

Arranca Rápido en Segundos



4000A

Corriente Máxima

12

Voltios

9.0L

Gasolina

6.5L

Diésel

Image: The ASMAX T20 air compressor in use, inflating a tire quickly.

7.3. Using as a Power Bank

The 12000mAh battery can charge mobile phones, tablets, and other USB-powered devices.

- Connect Device:** Connect your electronic device to the USB-A output port of the ASMAX T20 using a compatible USB cable.
- Charging:** The ASMAX T20 will automatically begin charging your device. Monitor the charging status on your device's screen.

7.4. Using the LED Flashlight

The integrated LED flashlight provides illumination for various situations.

- Turn On/Off:** Press the flashlight button to turn the light on or off.
- Change Modes:** Press the flashlight button repeatedly to cycle through the modes: Constant Illumination, Intermittent (Strobe) Mode, and SOS Warning Mode.

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ASMAX T20.

- Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are free of dust and debris.
- Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. The ideal storage temperature range is between -20°C and 45°C.
- Battery Care:** To maintain battery health, it is recommended to fully charge the device every 3-6 months, even if not in use. Do not store the device with a completely depleted battery.
- Accessory Care:** Keep the jumper cables, air hose, and nozzles clean and free from damage. Store them in the provided storage bag.

9. TROUBLESHOOTING

If you encounter issues with your ASMAX T20, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully using the USB-C cable.
Vehicle does not jump start.	Incorrect clamp connection. Device battery too low. Vehicle battery completely dead (below 50% charge on device required). Vehicle issue not related to battery.	Ensure clamps are connected correctly (red to +, black to -). Ensure device is sufficiently charged (above 50%). For completely dead batteries, ensure device is fully charged and try again. If still no start, consult a mechanic. Check other vehicle systems.
Air compressor does not inflate.	Hose not securely connected. Nozzle not properly attached. Target pressure not set. Device battery too low.	Ensure air hose is securely screwed into the device and nozzle. Ensure nozzle is firmly attached to the item. Set a target pressure on the display. Charge the device.
LCD display is not working.	Device is off or battery is depleted.	Press the power button to turn on. Charge the device if necessary.
Device gets hot during use.	Normal operation during high load (e.g., prolonged inflation or multiple jump starts).	Allow the device to cool down before continued use. If overheating persists or is excessive, discontinue use and contact support.

If the problem persists after attempting these solutions, please contact ASMAX customer support for assistance.

10. WARRANTY AND SUPPORT

The ASMAX T20 is designed and manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official ASMAX website. For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact ASMAX customer service through the contact information provided on the product packaging or the official brand website.