

TANKS RANGE





Ciber offers an exclusive range of tanks for bitumen storage and fuel tanks. Tanks for bitumen storage and heating are also available to meet the most varied needs. Build stationary or on chassis with suitable and regular axles for road transport in the most diverse countries of Latin America, Africa, Oceania and Southeast Asia. Ciber tanks are easy to install and to move around.

Some of the features of Ciber tanks are:

- > The flexible pipes that make it possible to install the tank with varied layouts depending on the characteristics of the terrain where the plant is installed;
- > Temperature sensors that ensure total control over fluid temperature, essential for optimum asphalt mixing;

Range of Ciber tanks



- > Thermal protection (insulation) of the whole surface by a glass wool thermal liner coated by a high-resistance alufer plate;
- > Total control of the power from the burner to the Master tank, adjusting the bitumen heating speed;
- > Highly resistant connections system;
- > Easy access for cleaning and for additives insertion;
- > Accesses and walkaways for safety work.



TM Master tanks

Tanks for bitumen storage and heating and/or fuel storage.

Ciber provides heating/storage tanks for bitumen only or for bitumen and fuel.

Fixed or portable tanks with coil heating.

The bitumen should be heated in the TM according to viscosity versus temperature curve to be later mixed with aggregates.

With built-in thermal fluid heater and automatic burner powered by diesel oil or LPG.

Natural gas (NG) or dual, the asphalt master tanks can heat, in addition to its own content, the whole plant's system, such as pipes, surface heating chambers and other tanks that do not generate their own heat.

These tanks use a high efficiency burner endowed with two burning levels with an output of 400,000, or 500,000 Kcal/h, thus ensuring efficiency in binding agent heating, even at locations of low temperature.



TM 4020P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	40,000 L	2 nd axis
Volume of the fuel compartment	20,000 L	Bitumen / bitumen
Output of the thermal fluid heater	500,000 Kcal/h	
Amount of agitators	1 to 3	
Portable		



TM 303020P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of compartments 1 and 2 for bitumen	30,000 L / 30,000 L	Bitumen / bitumen
Volume of the fuel compartment 3	20,000 L	
Output of the thermal fluid heater	500,000 Kcal/h	
Amount of agitators	1 to 5	
Portable		



TM 303020E		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of compartments 1 and 2 for bitumen	30,000 L / 30,000 L	Bitumen / bitumen
Volume of the fuel compartment 3	20,000 L	Bitumen / bitumen / bitumen
Output of the thermal fluid heater	500,000Kcal/h	
Amount of agitators	1 to 5	
Stationary		



TA 30E		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L	
Amount of agitators	1 to 2	
Stationary		



TA 50P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	50,000 L	2 nd axis
Amount of agitators	1 to 4	
Portable		



TA 3030P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L	2 nd axis
Volume of the fuel compartment	30,000 L	
Amount of agitators	1 to 4	
Portable		

*Optional features for the whole range of modified tanks: Bitumen recirculation



TA Bitumen tanks

BITUMEN STORAGE TANK

> Ciber offers bitumen tanks, either stationary or portable, with different capacities, thus enabling the best layout combinations for the whole range of Ciber plants.

> They have an indirect heating system by section, with thermal fluid circulation perfectly distributed inside, thus enabling quick and homogeneous heating.

> Thermal protection (insulation) of the whole surface by a glass wool thermal liner coated by a high-resistance alufer plate



TA 30E		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L	
Stationary		



TA 50P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	50,000 L	
Portable		



TA 3030P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of compartment 1 for bitumen	30,000 L	
Volume of compartment 2 for bitumen	30,000 L	
Portable		

*Optional features for the whole range of storage tanks: 1. piping interconnection between tanks; 2. piping for thermal oil; 3. Piping and pump for bitumen loading.



Master tank for modified asphalt

- > Special for asphalt modified with polymer or rubber.
- > They allow homogeneity between binder and additive.
- > The tanks for this purpose have a bitumen recirculation system in the tank and vertical propeller agitators, driven by electric gearmotors that perform the internal circulation of asphalt in rotation in the 100 RPM range, ideal for high viscosity asphalts.
- > Possibility of faster heating of the bitumen.



TM 3020P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L	2 nd axis
Volume of the fuel compartment	20,000 L	Bitumen / bitumen
Output of the thermal fluid heater	400,000 Kcal/h	
Portable		
Amount of agitators	1 to 3	



TM 3030P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000L	2 nd axis
Volume of the fuel compartment	30,000 L	Bitumen / bitumen
Output of the thermal fluid heater	500,000 Kcal/h	
Portable		
Amount of agitators	1 to 4	

*Optional features for the whole range of modified tanks: Bitumen recirculation.



TM 3020P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L	2 nd axis
Volume of the fuel compartment	20,000 L	Bitumen / bitumen
Output of the thermal fluid heater	400,000 Kcal/h	
Portable		



TM 3030P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	30,000 L / 30,000 L	2 nd axis
Volume of the fuel compartment	-	
Output of the thermal fluid heater	500,000 Kcal/h	
Portable		



TM 4020P		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the bitumen compartment	40,000 L	2 nd axis
Volume of the fuel compartment	20,000 L	Bitumen / bitumen
Output of the thermal fluid heater	500,000 Kcal/h	
Portable		



TM 303020P		
CARACTERÍSTICAS		OPTIONAL FEATURES*
Volume of compartments 1 and 2 for bitumen	30,000 L / 30,000 L	Bitumen / bitumen
Volume of the fuel compartment 3	20,000 L	Bitumen / bitumen / bitumen
Output of the thermal fluid heater	500,000 Kcal/h	
Portable		



TM 303020E		
CARACTERÍSTICAS		OPTIONAL FEATURES*
Volume of compartments 1 and 2 for bitumen	30,000 L / 30,000 L	Bitumen / bitumen
Volume of the fuel compartment 3	20,000 L	Bitumen / bitumen / bitumen
Output of the thermal fluid heater	500,000 Kcal/h	
Stationary		

*Optional features for the whole TM range: 1. fuel type burner; 2. bitumen recirculation in the tank; 3. bitumen piping and loading pump; 4. piping for thermal oil; 5. position far away from the plant; 6. Layout 90 ° or 180 ° relative

TC Fuel tank

10
11



> With a capacity of 10,000 liters of fuel, the fuel storage system offers a practical and safe way to store various types of liquid fuels, from light to heavy oils.

> The TC 10 can be transported along with the Ciber TM structure.



TC 10E		
CHARACTERISTICS		OPTIONAL FEATURES*
Volume of the fuel compartment	10.000 L	
Stationary		

Optional Features*: installed on the TM chassis or beside the TM.

GC Heat generator



- > Heat generator dedicated to heating the thermal oil circulating in the coils of the asphalt tank to heat the bitumen.
- > Internal heating chamber with thermal insulation, minimizing the loss of heat to the environment.
- > Pump for circulation of thermal oil heated by the burner's flame.
- > 1,000 L fuel tank for the thermal fluid heater.
- > Burner with a maximum power of 500,000 Kcal/h suitable for the rapidly heating the bitumen according to the specification.
- > Standard flame intensity controller.



GC 40	
CHARACTERISTICS	
Power of the thermal fluid heater	500,000 kcal/h



WIRTGEN GROUP QUALITY STANDARD

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