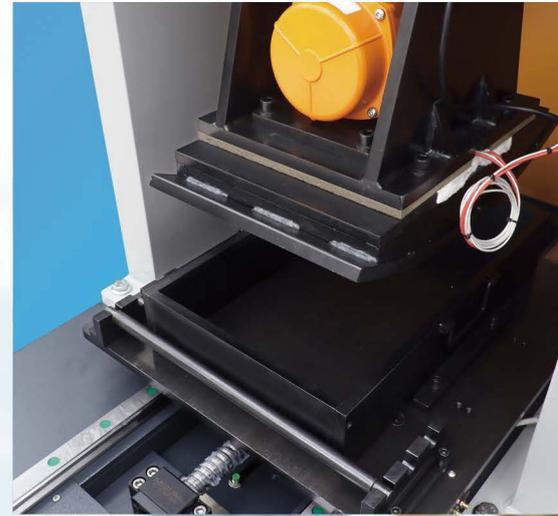


ASPHALT SLAB ROLLER COMPACTOR HYCX-3

It is mainly used for compacting slab asphalt mixture specimens, can compact specimens of various specifications, and the slab specimens used for Hamburg wheel tracking tests.

Adopts cylinder loading and the servo motor controls the forward and backward of the test mould.



FEATURES

- ⊙ The roller pressure is controlled by the pneumatic system and can be adjusted arbitrarily within the range of 0~30KN.
- ⊙ The servo motor is used to control the forward and backward of the test mould, and the maximum speed can reach 300mm/s.
- ⊙ The height of the test mould can be adjusted arbitrarily within the range of 30mm~150mm.
- ⊙ Large wheel temperature control range, high precision, and good stability. Adopts PWM modulation method for temperature PID control, which can be set arbitrarily according to the test requirements.
- ⊙ Touch screen control and display, working parameters can be saved, easy to operate and easy to set.
- ⊙ The data of the test process can be displayed in curves, including temperature, pressure, and height of the specimen, and the data can be exported by U disk.
- ⊙ The equipment has the self-diagnosis function and the fault code prompt.
- ⊙ The clamping mechanism for installing the test mould is easy to use, safe and reliable.
- ⊙ Two stop modes, stop by rolling times and stop by height (only models with height test module).
- ⊙ The number of rolling times of the specimen can be set arbitrarily and displayed in real time. When the actual number of rolling times reaches the set value, the rolling will stop automatically.
- ⊙ The height of the specimen can be displayed in real time with an accuracy of 0.1mm (optional).
- ⊙ Roller has vibration pump (optional).

TECHNICAL SPECIFICATIONS

Roller radius	535mm	Mould size	300×300×100mm (standard)
Roller width	Standard: 300mm; optional: 260mm, 400mm		320×260×100mm (optional)
Pressure sensor range	0~5T		400×300×100mm (optional)
Pressure sensor accuracy	±30N		400×400×100mm (optional)
Maximum Loading Force	30KN		500×400×100mm (optional)
Roller temperature range	Room temperature ~200 C	Power supply	220V 50Hz
Roller temperature accuracy	±5 C	Power	3kW
Test mould speed	Maximum 300mm/s	Dimensions	900×1250×2100mm
Rolling times	Can be set in software	Weight	About 350kg

CONFIGURATION

Item	Model	Quantity	Remarks
Standard configuration			
Compactor host	HYCX-3	1 set	
Mould	HYCX-3-1	1 pc	300*300*100mm
Roller	HYCX-3-2	1 set	Suitable for 300×300 test mould
Positioning rod	HYCX-3-3	1 pc	
Compaction hammer	HYCX-3-4	1 pc	
Air pump	HYCX-3-5	1 set	Flow rate: 40L/min, pressure: 0.8mpa
Air pipe	HYCX-3-6	1 pc	
Optional functions			
Height measurement module	HYCX-3-7	1 set	Including height sensor + height calibration block
Mould base plate heating module	HYCX-3-8	1 set	
Vibration module	HYCX-3-9	1 set	