XS28B

Placing Boom 混凝土布料机



The above is a rendering, the specific painting is subject to the real thing.

Main Features

- 4R Bionic Folding Boom*: The 4-section “R” folding boom design is highly flexible for various job sites, with a segmented first section for easy assembly and a lightweight structure for better stability.
- Critical Weld Flaw Inspection*: Uses full working condition simulation and 100% ultrasonic testing on all key welds, ensuring a safer and more reliable boom structure.
- Large Rigid Turret: Upper and lower hinge points use hollow long-axis design for simplified structure, lighter weight, and easier manufacturing and maintenance.
- Stable Support Base: Cross-shaped box structure connected by high-strength bolts, ensuring overall stability and durability.
- Flexible Climbing Device*: Fixed to floors with bolts and wedge locks, supports climbing cylinders and guides during machine climbing, compatible with standard reserved floor openings.
- Double-Layer Delivery Pipe*: Double-layer pipe design extends service life up to 50,000m³.
- Highly Reliable Slewing Mechanism: Equipped with single-row cross roller slewing bearing and three-stage planetary reducer for high efficiency and extended service life.
- Full Hydraulic Control System*: Open circuit hydraulic drive with Schwing high-flow valve block and pump, providing efficient power with reduced heat generation.

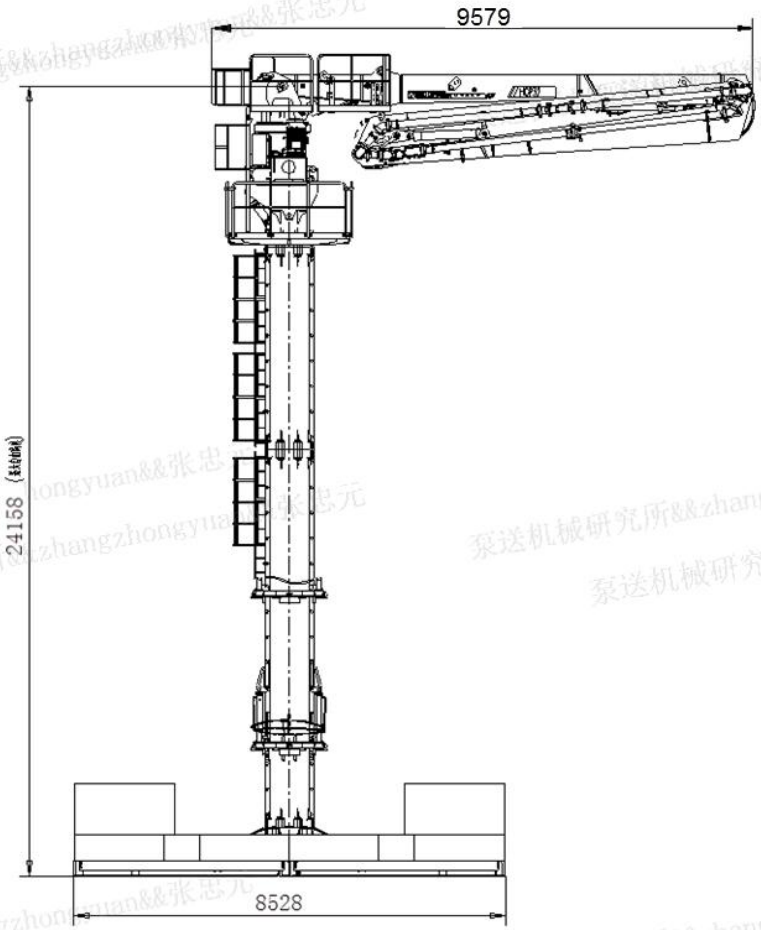
Main technical parameters

1. Technical data

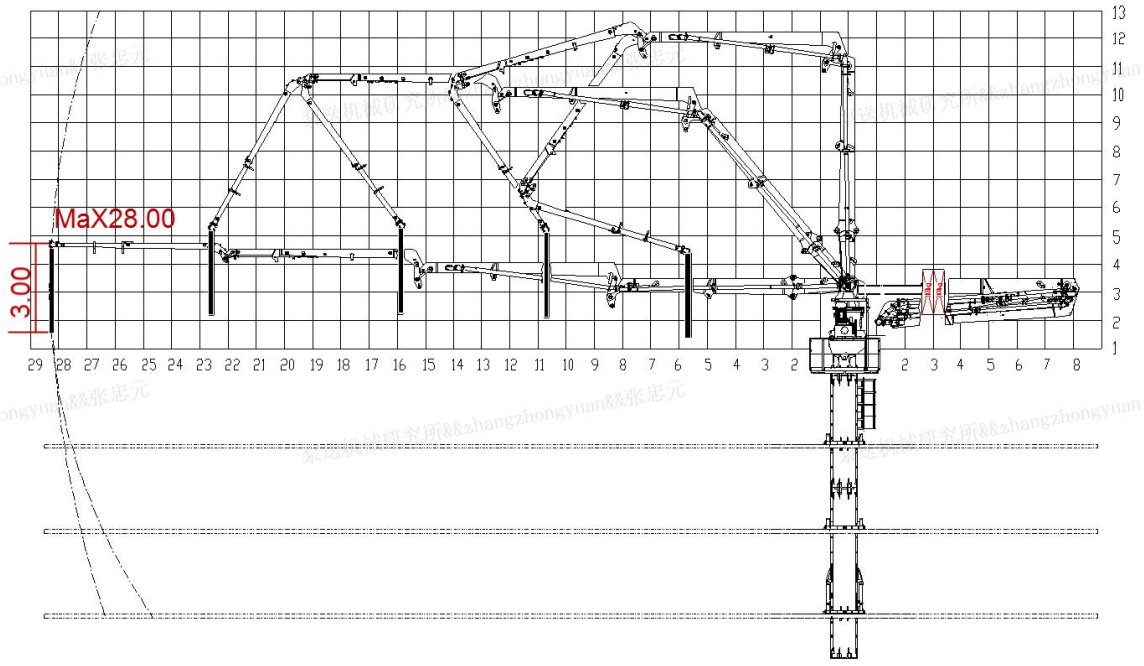
Item		Unit	Data
Horizontal reach		m	28
Boom slewing angle		°	370
Working environment temperature		℃	-20~+50
Independent height		m	24
Mast type			2×4m+2×6m
Mounting type			Floor
Climbing speed		m/mim	0.5~0.8
Climbing stroke		m	0.5
Climbing form			Cylinder jacking type
Minimum distance between climbing frames	Climbing status	m	3
	Material placing status	m	6
	Stationary state	m	6
Motor model			YE3-180L-4 V1
Power		Kw	22
Speed		rpm	1470
System pressure		MPa	33
Flow		L/min	34
Fuel tank capacity		L	120
Control method			Near control/wired/remote control
Delivery pipe cleaning method			Wash/Dry clean
Boom type			4R
Delivery pipe diameter		mm	DIN125
End hose length		m	3
Section 1	Length	mm	8055
	Slewing angle	°	90
Section 2	Length	mm	6927
	Slewing angle	°	180
Section 3	Length	mm	6965
	Slewing angle	°	180
Section 4	Length	mm	6063
	Slewing angle	°	240

Technical parameter diagram

1 Dimension of the whole vehicle



2 Working range



3 Main configuration

NO.	Name	Qty.	Brand
1	Placing boom	1	XCMG
2	Slewing base	1	XCMG
3	Standard section assembly	1	XCMG
4	Slewing support	1	Tongli
5	Swivel mechanism	1	Zhongyi
6	Superstructure multiway valve	1	Nuoma
7	High-pressure oil filter	1	Guihang Linde
8	Remote controller	1	Kaishang
9	Electric motor	1	Wan'nan
10	Balance valve	8	HAWE
11	Hydraulic lock	2	Sunbun
12	Coupling	1	Kaitian transmission
14	Boom pump	1	Pushi

Technical data and characteristics subject to modifications without notice

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