

MMECALTI

HEAVY DUTY

SPIDER CRANE

PRODUCT CATALOGUE

COMPACT • POWERFUL • RELIABLE



**HIGH
PERFORMANCE**



**HIGH
RELIABILITY**



**COMPACT
DESIGN**



**REMOTE
CONTROL**

LIFTING SOLUTIONS FOR CONSTRUCTION,
INDUSTRIAL & MAINTENANCE APPLICATIONS

A spider crane is a compact crane (mini crawler crane) equipped with extendable outriggers that spread outward like a spider's legs, which is why it is called a spider crane.

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HEAVY DUTY SPIDER CRANE

TYPE

MSC1.5



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,

PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
One button outrigger leveling	
Leg lift sensor	
Unloading valve	
High matching proportional valve	

ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC1.5
Specifications		1.5ton
Maximum Operating Radius		6m
Maximum Ground Lift		6.5m
Winch Device	Hook Lifting Speed	0-8m/min (4 ropes)
	Steel Rope	Φ8mm×45m
Telescopic Device	Boom Form	2m*4-section
	Boom Length/Time	6.5m/20s
Luffing Device	Boom Angle/Speed	0-78°/13s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	60s
Outrigger	Movement Form	Manual screw out+oil pressure automatic support (two legs)
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Gasoline/4L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Gasoline
Overall Size (L*W*H)		2.5*0.6*1.5m
Net Weight		1300kg

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

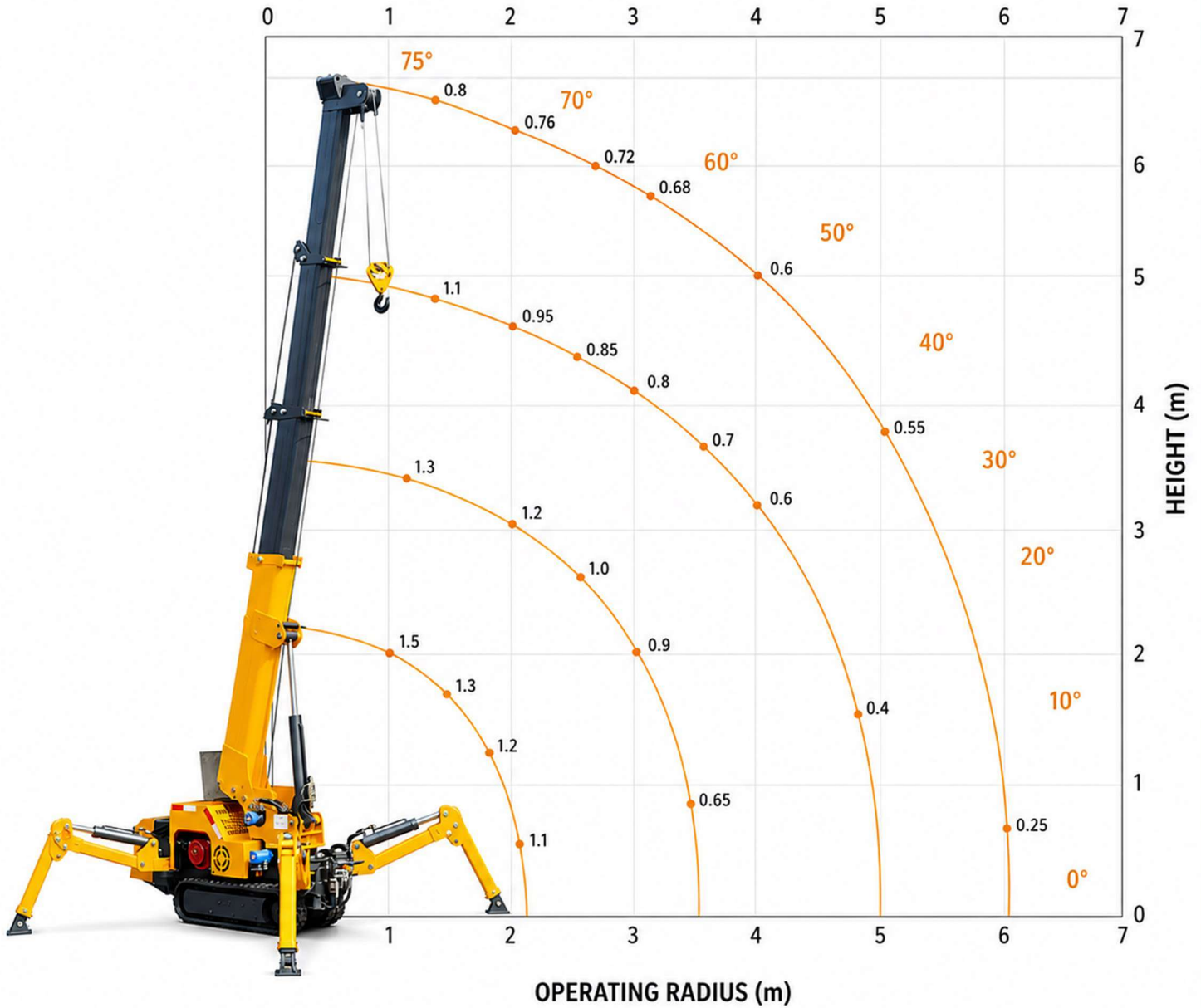


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

1.5 TON SPIDER CRANE LIFTING WEIGHT CHART



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC2.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,

PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
Leg lift sensor	
Unloading valve	
High matching proportional valve	

ADVANTAGES



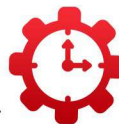
FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC2.0
Specifications		2ton
Maximum Operating Radius		6m
Maximum Ground Lift		6.5m
Winch Device	Hook Lifting Speed	0-8m/min (4 ropes)
	Steel Rope	Φ8mmx45m
Telescopic Device	Boom Form	2m*4-section
	Boom Length/Time	6.5m/20s
Luffing Device	Boom Angle/Speed	0-78°/13s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	60s
Outrigger	Movement Form	Manual screw out+oil pressure automatic support (two legs)
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Gasoline/15L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Gasoline
Overall Size (L*W*H)		2.5*0.6*1.5m
Net Weight		1600kg

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

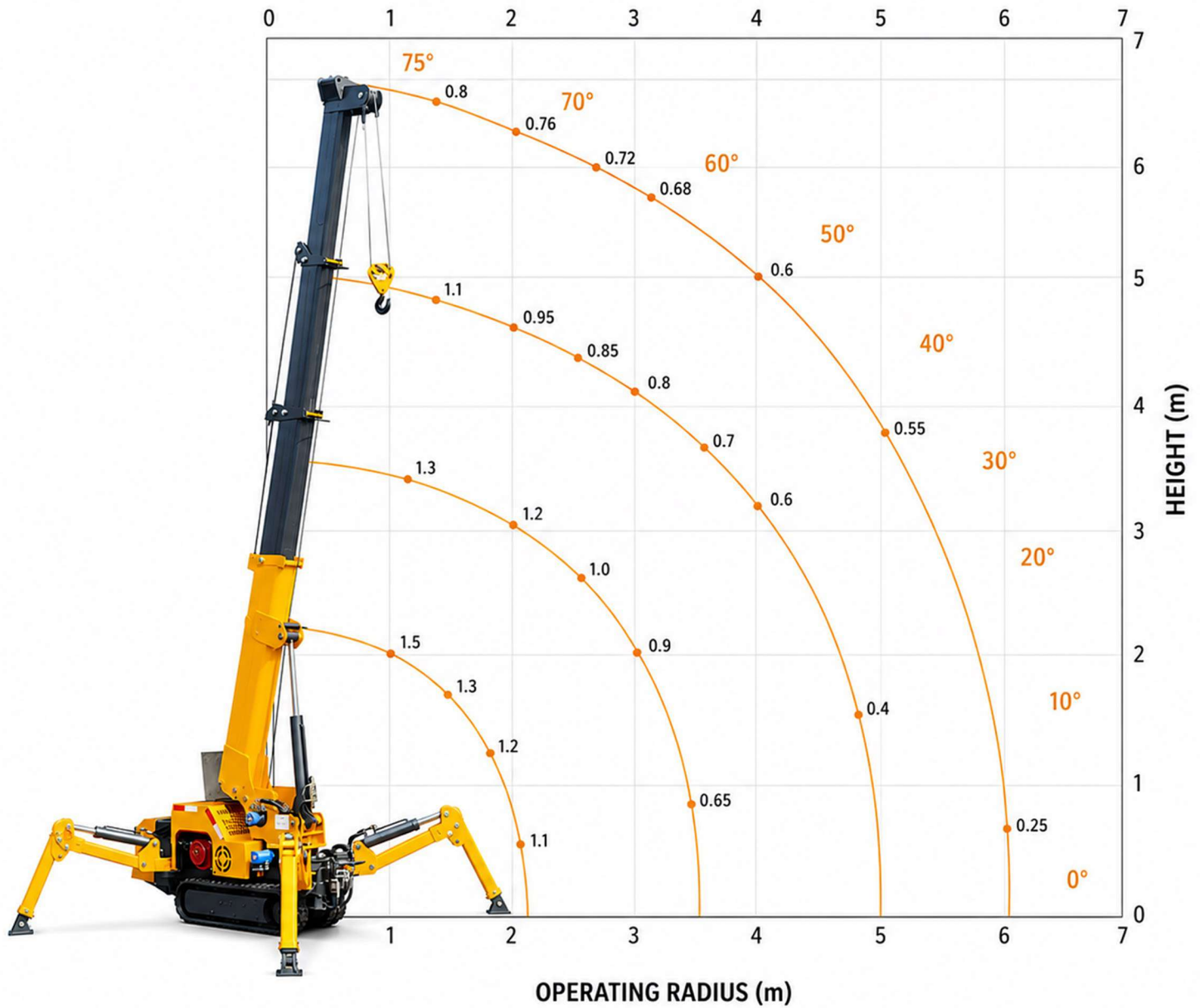


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

2 TON SPIDER CRANE LIFTING WEIGHT CHART



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



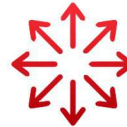
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC3.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,



PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
Leg lift sensor	
Unloading valve	
High matching proportional valve	

ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC3.0
Specifications		3ton
Maximum Operating Radius		10.5m
Maximum Ground Lift		10.8m
Winch Device	Hook Lifting Speed	0-8m/min (4 ropes)
	Steel Rope	Φ8mmx45m
Telescopic Device	Boom Form	2.4m*6-section
	Boom Length/Time	3.1m-9.2/20s
Luffing Device	Boom Angle/Speed	0-78°/13s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	60s
Outrigger	Movement Form	Manual screw out+oil pressure automatic support (two legs)
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/8L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		3.5*0.8*1.85m
Net Weight		2700kg

Model Type	Parameters
MSC3.0	Mecalti 3-cylinder Engine
	National Three Standard Yanmar Engine
	Euro V Mecalti 3811 Engine
	EPA/Euro V Yanmar3T74 -11.2KW Engine
	EPA/Euro V Yanmar3T80 -14.6kw Engine
	EPA/Euro V Yanmar3T88-18.2kw Engine

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

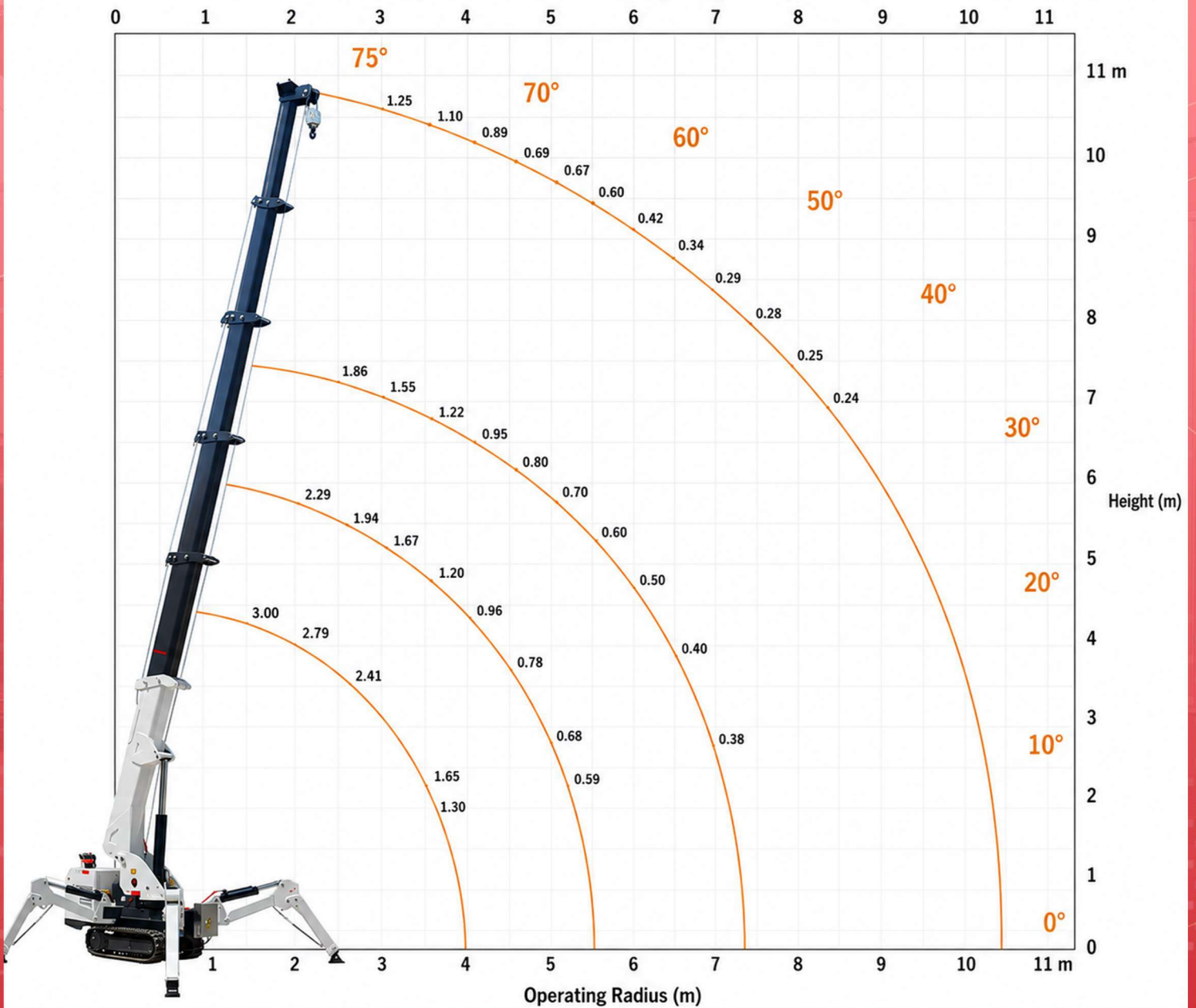


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

3 Ton Spider Crane Lifting Capacity Chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



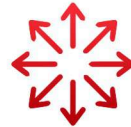
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC5.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,



PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
	Leg lift sensor
Unloading valve	
High matching proportional valve	

ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC5.0
Specifications		5ton
Maximum Operating Radius		15m
Maximum Ground Lift		17m
Winch Device	Hook Lifting Speed	12m/min (4 ropes)
	Steel Rope	Φ12mmx80m
Telescopic Device	Boom Form	4m*5-section
	Boom Length/Time	4.5m-17m/54s
Luffing Device	Boom Angle/Speed	0-78°/13s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	38s
Outrigger	Movement Form	Manual screw out+oil pressure automatic support (two legs)
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		4.7*1.5*2.25m
Net Weight		6100kg

Model Type	Parameters
MSC5.0	Mecalti 4-cylinder Engine
	EPA/Euro V Yanmar 4798 42.4kw Engine
	Euro V Mecalti 55kw Engine
	Euro V Mecalti 3B11 Engine
	National Three Standard Mecalti Engine

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

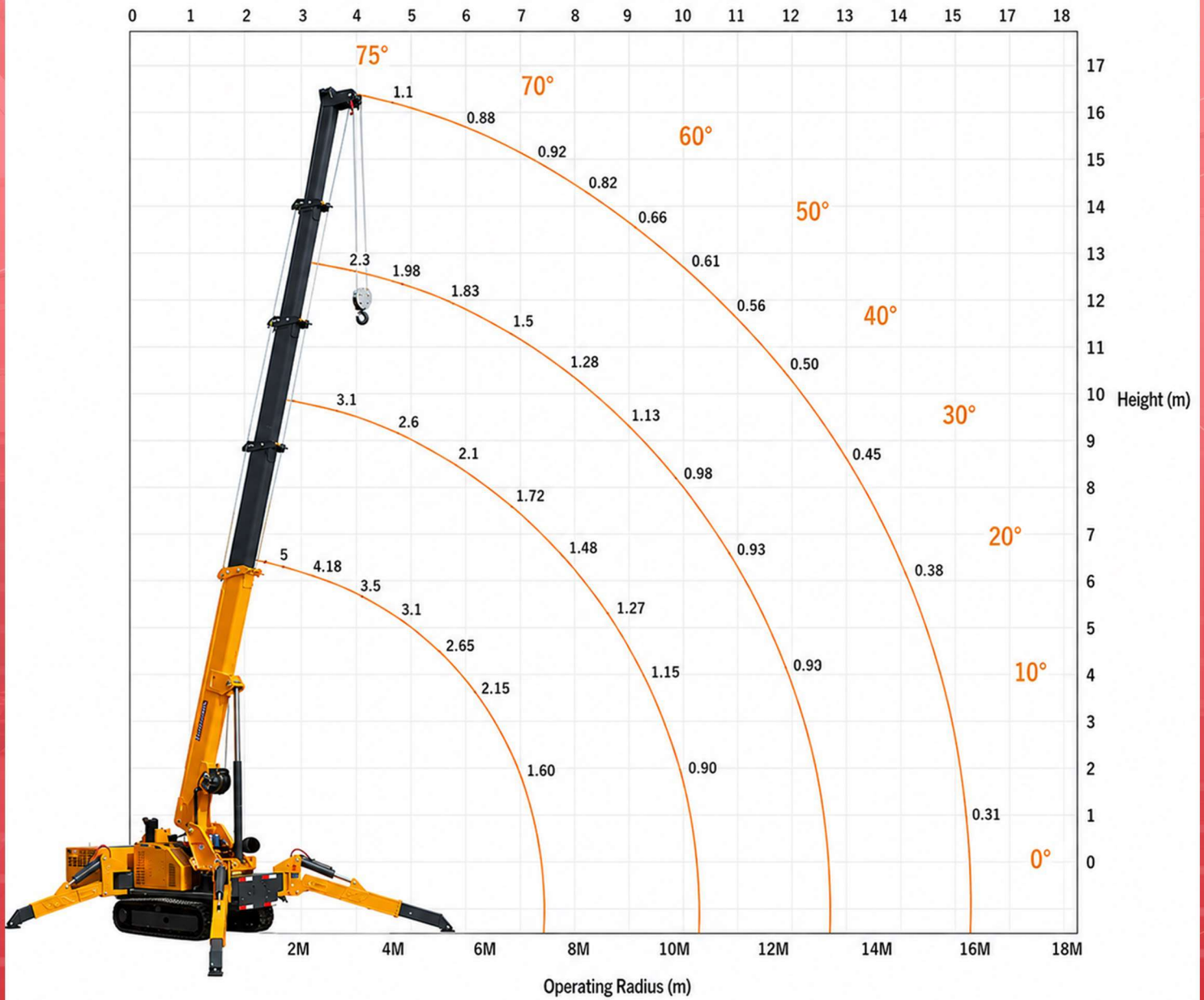


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

5 Ton Spider Crane Lifting Capacity Chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



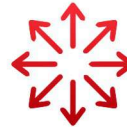
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC8.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,



PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
	Leg lift sensor
Unloading valve	
High matching proportional valve	

ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC8.0
Specifications		8ton
Maximum Operating Radius		18m
Maximum Ground Lift		21m
Winch Device	Hook Lifting Speed	12m/min (4 ropes)
	Steel Rope	Φ12mmx80m
Telescopic Device	Boom Form	5m*5-section
	Boom Length/Time	5.5m-21m/54s
Luffing Device	Boom Angle/Speed	0-78°/13s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	38s
Outrigger	Movement Form	Manual screw out+oil pressure automatic support (two legs)
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		6.15*1.6*2.25m
Net Weight		8700kg

Model Type	Parameters
MSC8.0	Mecalti 4-cylinder Engine
	EPA/Euro V Yanmar 4798 42.4kw Engine
	Euro V Mecalti 55kw Engine
	Euro V Mecalti 3B11 Engine
	Mecalti National Three Standard Engine
	Yanmar National Three Standard Engine

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

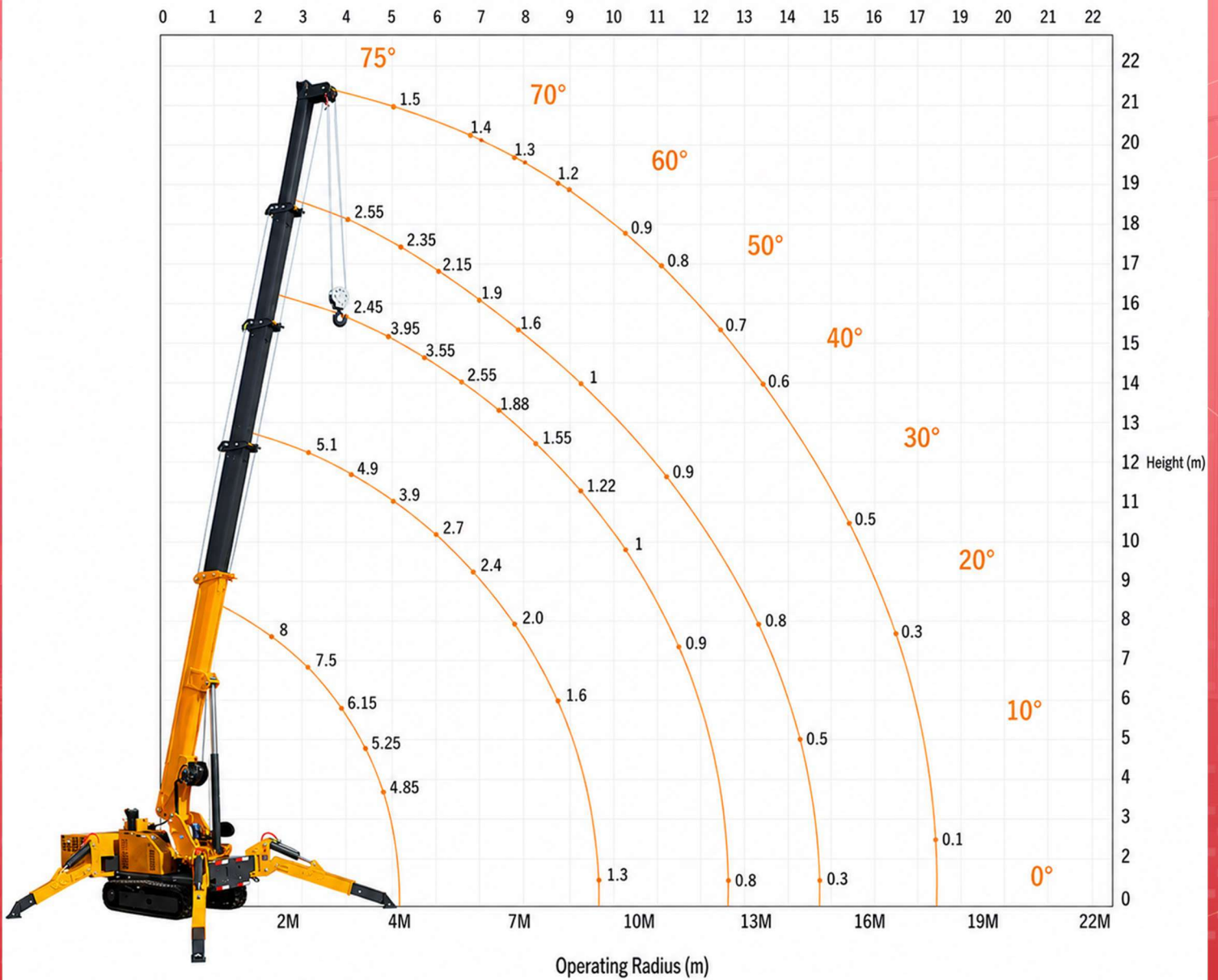


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

8 Ton Spider Crane Lifting Capacity Chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



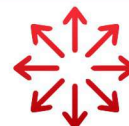
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC10.0

PRODUCT OPTIONS

Parameters
Fly jib 2m
Fly jib 3m
Fly jib 4m
Fly jib 5m
Vice Jib 2m
Vice Jib 3m
Vice Jib 4m
Vice Jib 5m
Regular remote control
High configuration remote control
Torque display Overload alarm
One button outrigger leveling
Leg lift sensor
Unloading valve
High matching proportional valve



HIGH QUALITY
High manufacturing standards ensure superior performance and a long service life.



HIGH RELIABILITY
High-quality components with excellent durability for maximum reliability.



HIGH PERFORMANCE
A powerful machine designed for optimal operation across various working conditions.



COMPACT DESIGN
A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL
Equipped with a remote control system for safer, more comfortable,

ADVANTAGES



FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC10.0
Specifications		10ton
Maximum Operating Radius		18m
Maximum Ground Lift		21m
Winch Device	Hook Lifting Speed	11m/min (4 ropes)
	Steel Rope	Φ12mmx100m
Telescopic Device	Boom Form	5m*5-section
	Boom Length/Time	12.3m/58s
Luffing Device	Boom Angle/Speed	0-78°/15s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	40s
Outrigger	Movement Form	Manual screw out+hydraulic telescopic+automatic support
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		6.15*1.8*2.3m
Net Weight		10500kg

Model Type	Parameters
MSC10.0	Euro V Mecalti Engine
	National Three Mecalti Engine
Customized motor	Parameters
	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

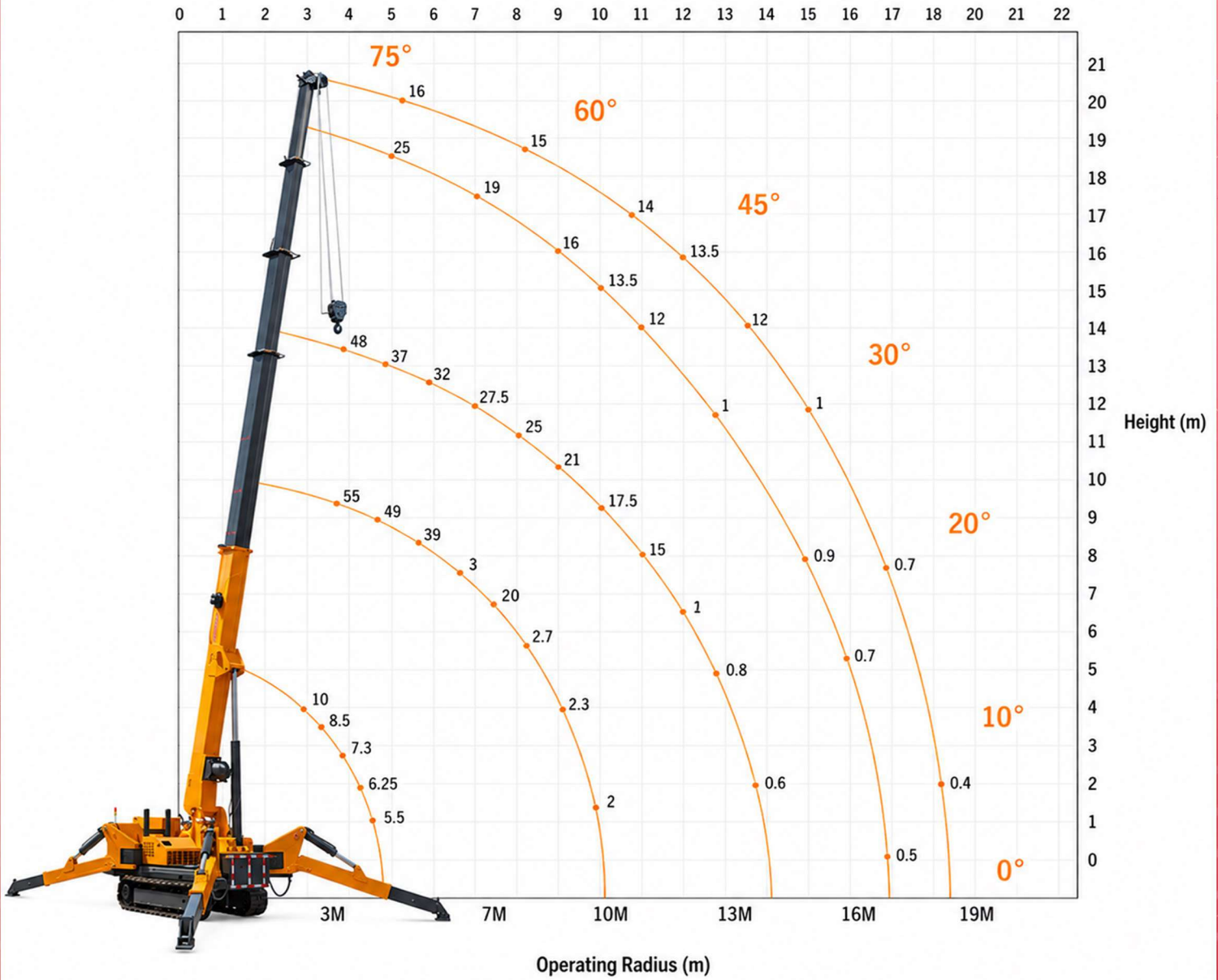


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

10 Ton Spider Crane Lifting Weight Chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



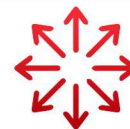
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY

SPIDER CRANE

TYPE

MSC12.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,

PRODUCT OPTIONS

	Parameters
	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
General option	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
	Leg lift sensor
	Unloading valve
	High matching proportional valve



ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC12.0
Specifications		12ton
Maximum Operating Radius		19m
Maximum Ground Lift		21m
Winch Device	Hook Lifting Speed	10m/min (4 ropes)
	Steel Rope	Φ12mmx120m
Telescopic Device	Boom Form	5m*5-section
	Boom Length/Time	12.3m/60s
Luffing Device	Boom Angle/Speed	0-78°/17s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	42s
Outrigger	Movement Form	Manual screw out+hydraulic telescopic+automatic support
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		6.15*1.86*2.48m
Net Weight		12500kg

Model Type	Parameters
MSC12.0	Euro V Mecalti Engine
	National Three Mecalti Engine
Customized motor	Parameters
	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

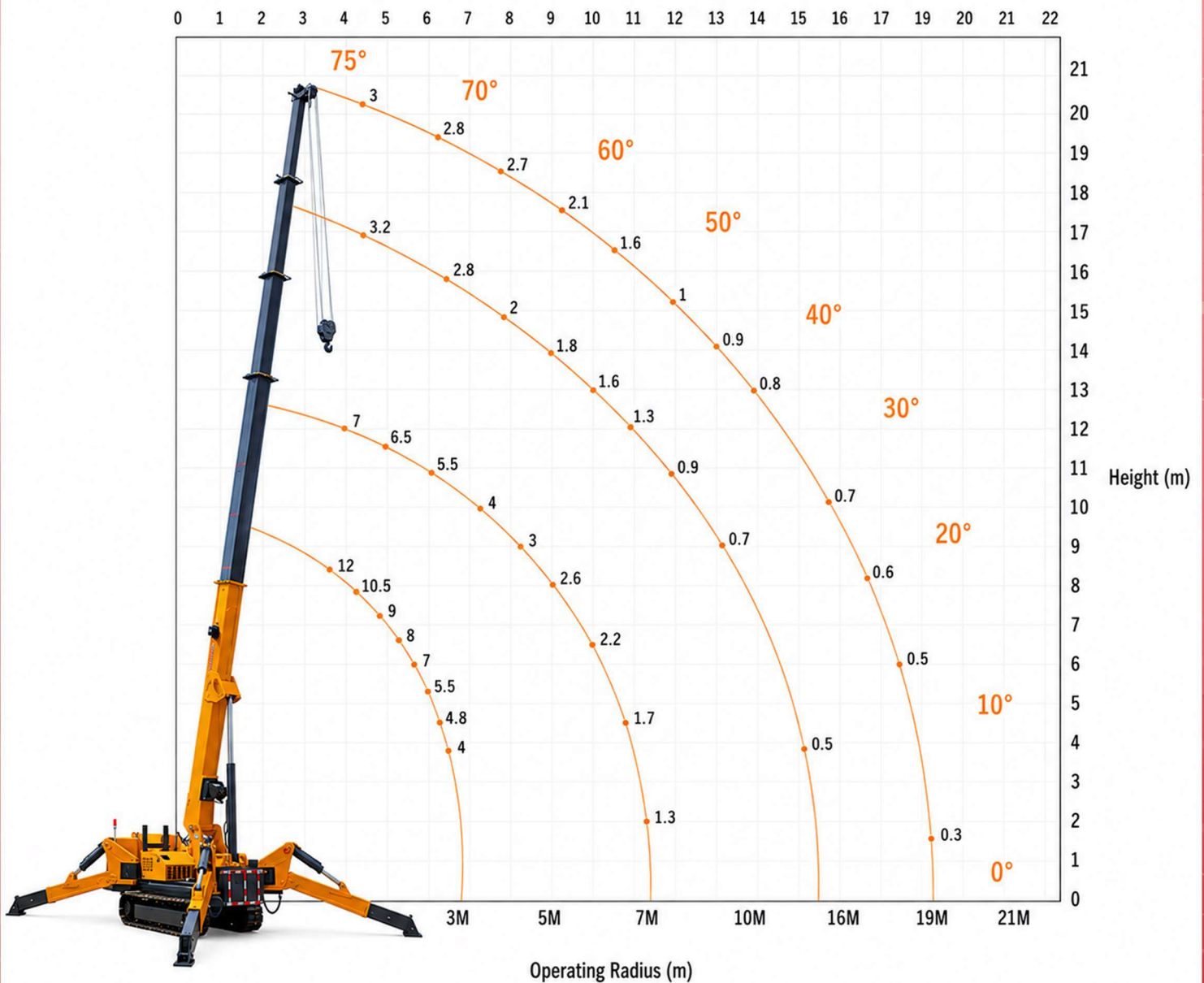


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

12 Ton Spider Crane Lifting Weight Chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



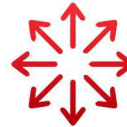
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC14.0



HIGH PERFORMANCE
A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY
High-quality components with excellent durability for maximum reliability.



HIGH QUALITY
High manufacturing standards ensure superior performance and a long service life.



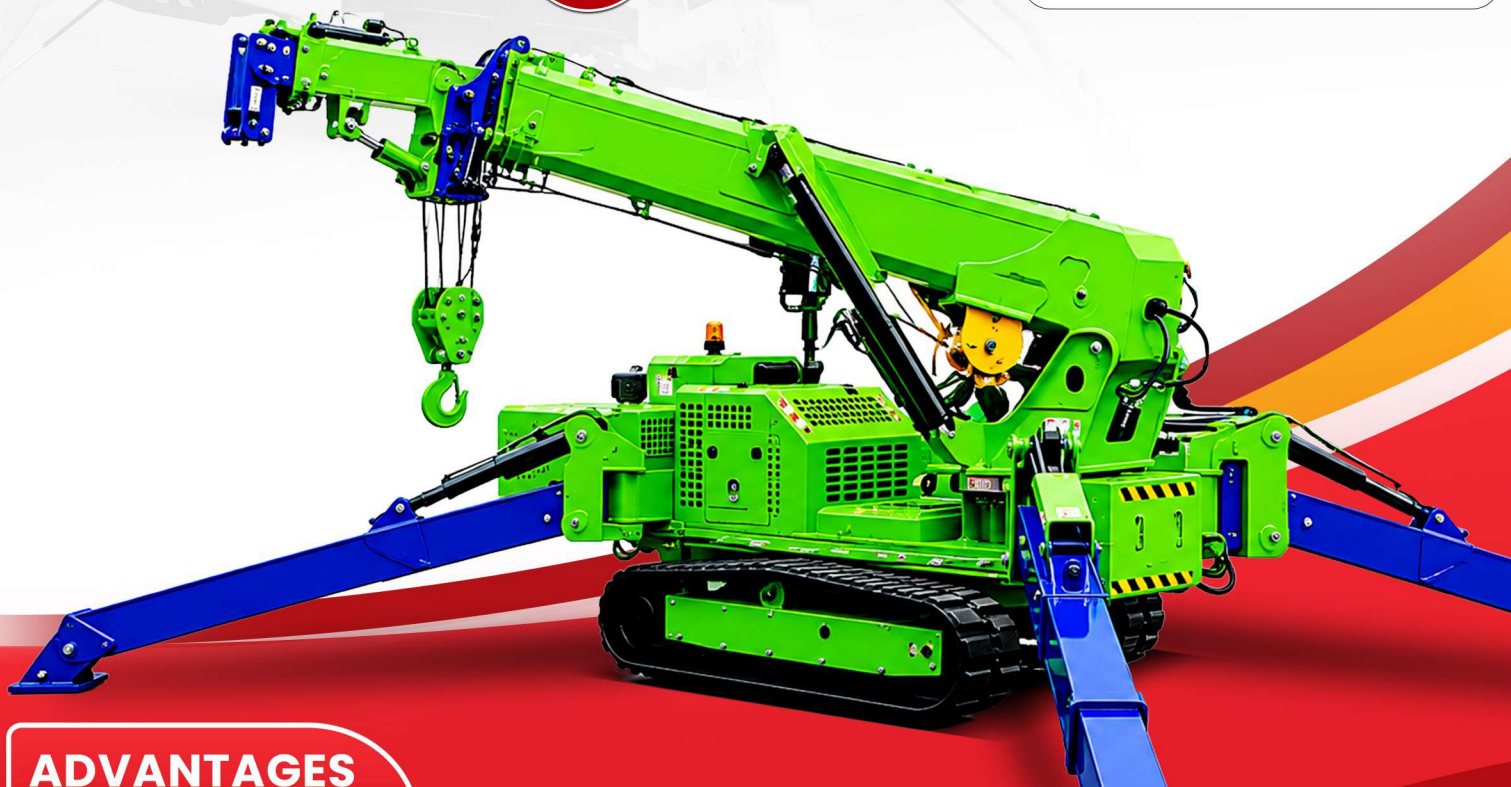
COMPACT DESIGN
A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL
Equipped with a remote control system for safer, more comfortable,

PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
Leg lift sensor	
Unloading valve	
High matching proportional valve	



ADVANTAGES



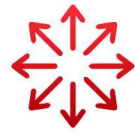
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC14.0
Specifications		14ton
Maximum Operating Radius		23m
Maximum Ground Lift		25m
Winch Device	Hook Lifting Speed	10m/min (4 ropes)
	Steel Rope	Φ12mmx120m
Telescopic Device	Boom Form	6m*5-section
	Boom Length/Time	12.3m/40s
Luffing Device	Boom Angle/Speed	0-78°/17s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	42s
Outrigger	Movement Form	Manual screw out+hydraulic telescopic+automatic support
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		6.6*2*2.48m
Net Weight		14500kg

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

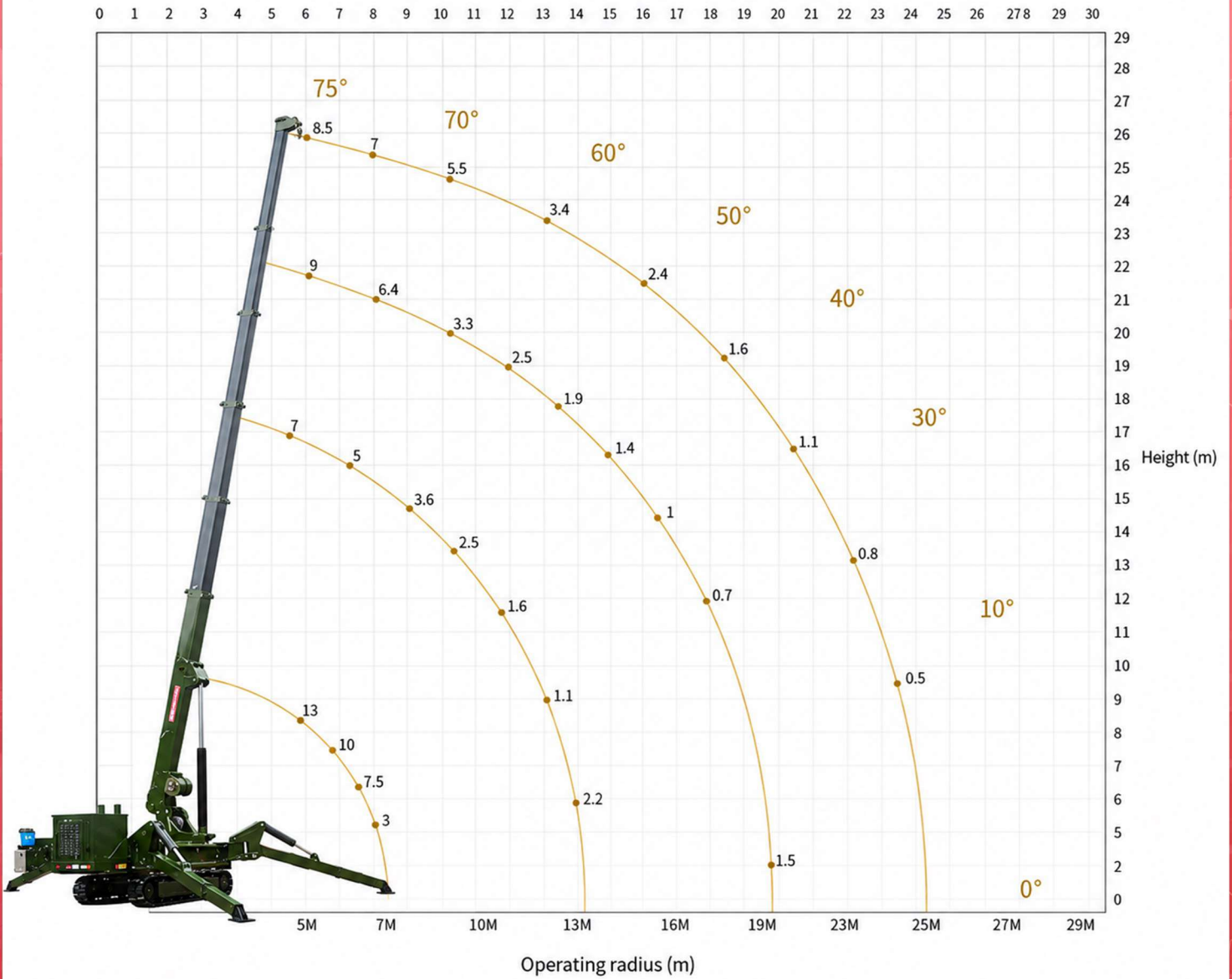


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

14 ton spider crane lifting weight chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



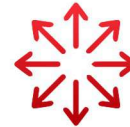
FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
High stability provided by hydraulic outriggers.



EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

HEAVY DUTY SPIDER CRANE

TYPE

MSC16.0



HIGH PERFORMANCE

A powerful machine designed for optimal operation across various working conditions.



HIGH RELIABILITY

High-quality components with excellent durability for maximum reliability.



HIGH QUALITY

High manufacturing standards ensure superior performance and a long service life.



COMPACT DESIGN

A compact design that allows easy access and maneuverability in confined spaces.



REMOTE CONTROL

Equipped with a remote control system for safer, more comfortable,

PRODUCT OPTIONS

	Parameters
General option	Fly jib 2m
	Fly jib 3m
	Fly jib 4m
	Fly jib 5m
	Vice Jib 2m
	Vice Jib 3m
	Vice Jib 4m
	Vice Jib 5m
	Regular remote control
	High configuration remote control
	Torque display Overload alarm
	One button outrigger leveling
	Leg lift sensor
Unloading valve	
High matching proportional valve	



ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



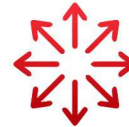
SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

SPECIFICATIONS

Model		MSC16.0
Specifications		14ton
Maximum Operating Radius		23m
Maximum Ground Lift		25m
Winch Device	Hook Lifting Speed	12m/min (4 ropes)
	Steel Rope	Φ12mmx140m
Telescopic Device	Boom Form	6m*5-section
	Boom Length/Time	12.3m/40s
Luffing Device	Boom Angle/Speed	0-78°/17s
Gyroscope	Rotation Angle	0-360° (Continuous)
	Rotation Speed	42s
Outrigger	Movement Form	Manual screw out+hydraulic telescopic+automatic support
Running Gear	Walking Mode	Hydraulic motor drive
	Walking Speed	0-2.5km/h
	Gradeability	25° (36%)
Electrical Machinery	Voltage	AC 380V (Customized according to customer needs)
Engine	Manufacturer	Mecalti
	Start Mode	Electric start
	Fuel/Volume	Diesel Oil/45L
Operating System	Boom/Leg	Manual operation, manual walking (optional remote control)
Power		AC+Diesel
Overall Size (L*W*H)		6.6*2*2.48m
Net Weight		16500kg

	Parameters
Customized motor	5Ton and above, 1phase 220v and below,11kw
	Regular one phase/two phase/three phase
	1 phase 110v, >5.5kw, double motor
	1 phase 110v, >5.5kw, one motor not available

Item	Battery
3T with battery power	300AH
5T with battery power	500AH
8T with battery power	500AH

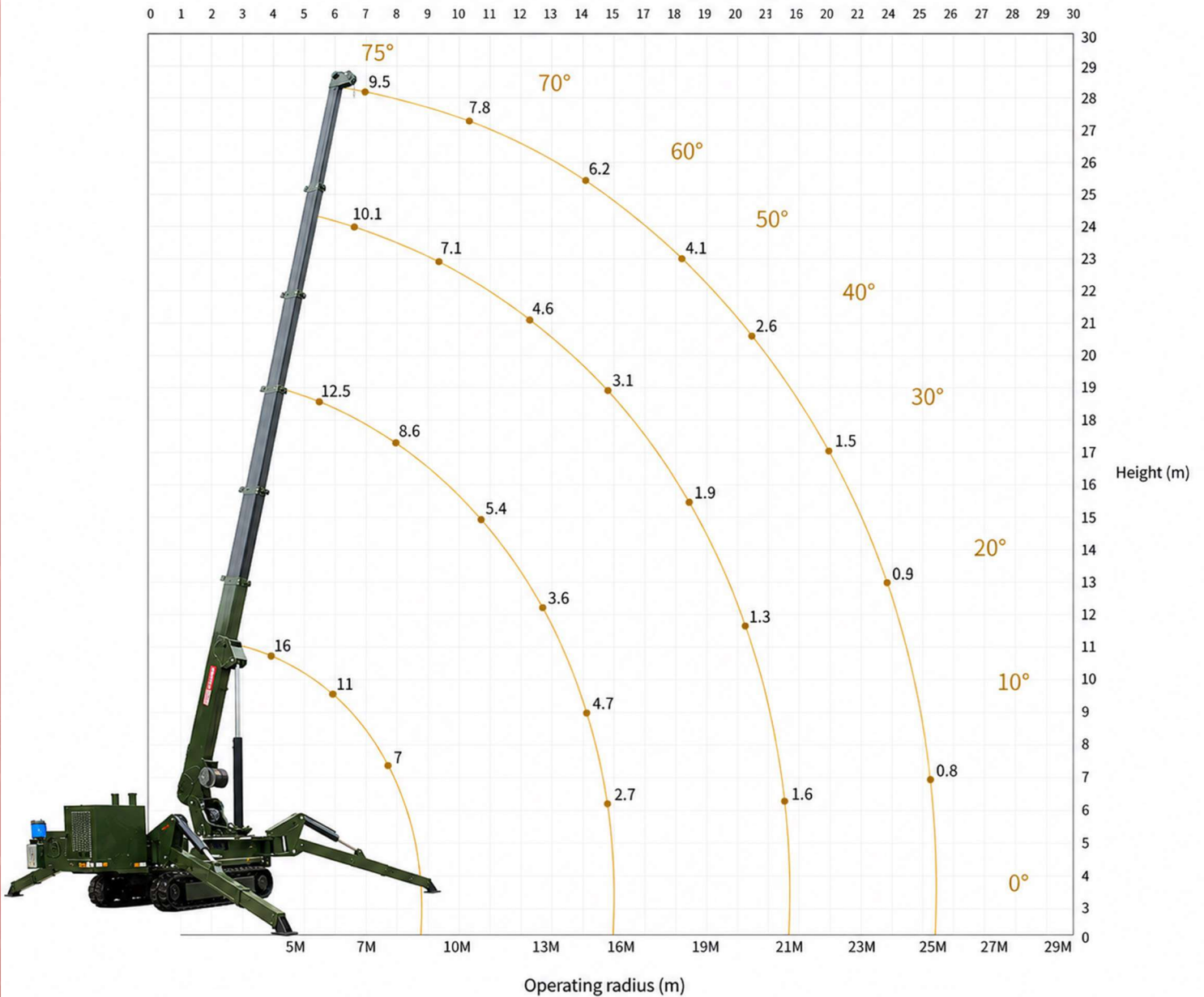


Starting Battery for Spider Crane
(3 tons and below)



Starting Battery for Spider Crane
(5 tons and above)

16 ton spider crane lifting weight chart



Item	Parameters
1m basket	1*0.76*0.96m
1.2m basket	1.2*0.76*0.96m
1.35m basket	1.35*0.76*0.96m
1.5m basket	1.5*0.76*0.96m
1.65m basket	1.8*0.76*0.96m
1.8m basket	Parameters



ADVANTAGES



FLEXIBLE
Can be used in various terrains and working conditions.



SAFE
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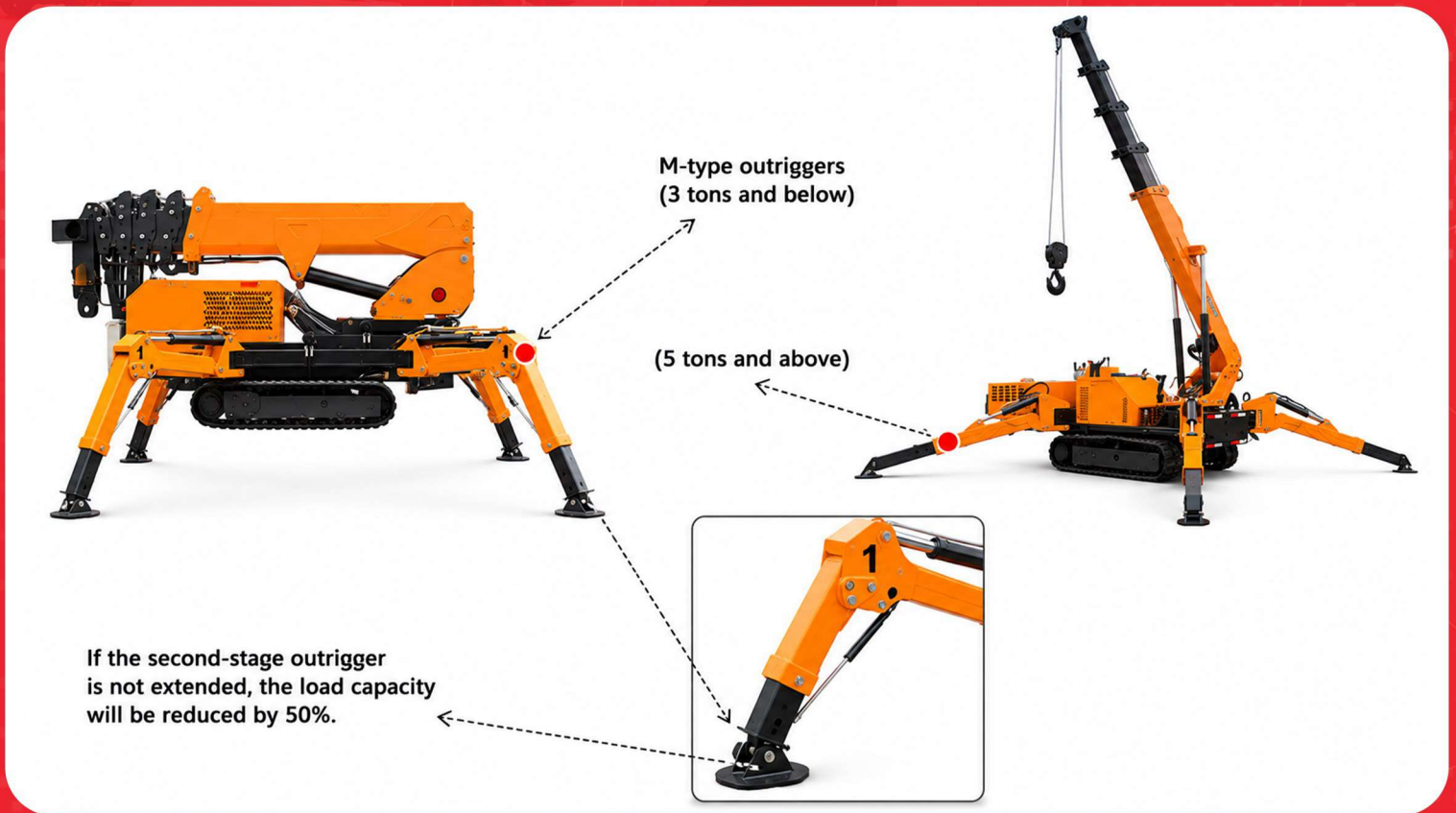


EFFICIENT
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MULTIFUNCTIONAL
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CONFIGURATION AND DETAILS



ADVANTAGES



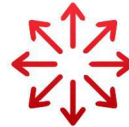
FLEXIBLE
Can be used in various terrains and working conditions.









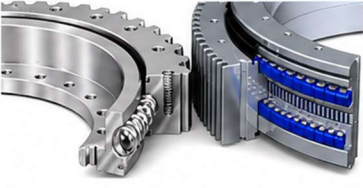
SAFE
High stability provided by hydraulic outriggers.



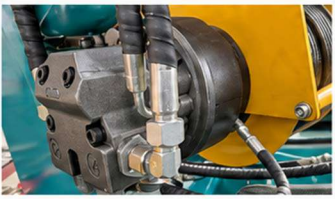





EFFICIENT
Fast and time-saving operation.



MULTIFUNCTIONAL
Ideal for construction, industrial applications, facility maintenance, and many other uses.

<h3 style="text-align: center;">Oil Cylinders</h3> 	<p>High-pressure oil cylinders, which are resistant to high pressure, corrosion and fatigue.</p>  <p>German-Imported Hydraulic Cylinder Seal Assembly</p>	<h3 style="text-align: center;">Hydraulic Oil Cooler</h3> 	<p>It can withstand an instantaneous pressure of 10.5 MPa. The vertical plate-type cooling layout offers high efficiency and can prevent hydraulic failures caused by overheating.</p>
<h3 style="text-align: center;">Hydraulic Hoses</h3> 	<p>Double-layer steel wire construction, rated for 35 MPa pressure. High flexibility, corrosion resistance, and minimal deformation under pressure.</p>	<h3 style="text-align: center;">Multi-Valve System</h3> 	<p>Brand: Kemai (a top-tier domestic brand).</p>
<h3 style="text-align: center;">Hydraulic Hoses</h3> 	<p>Critical hydraulic lines utilize 4-layer steel wire reinforced hoses, offering superior pressure resistance and enhanced wear durability.</p>	<h3 style="text-align: center;">Slewing Bearing</h3> 	<p>Compared with ball-type slewing bearings, the Fenghe 50Mn double-row roller slewing bearing features precise rotational stability under heavy loads, and it can withstand higher axial/radial loads and overturning moments.</p>

<h3 style="text-align: center;">Winch</h3> 	<p>The winch is equipped with double-layer rope guide wheels, which effectively avoid the safety hazards caused by rope disorder and entanglement. For models with a capacity of over 10 tons, plunger motors are adopted to enhance torque output and ensure load stability (no unexpected drops).</p>	<h3 style="text-align: center;">Remote Control</h3> 	<p>The remote control with integrated battery-proportional valve system centralizes display and operation, including:</p> <ul style="list-style-type: none"> • Torque monitoring • One-touch outrigger deployment • Real-time status display of all four outriggers
<h3 style="text-align: center;">Hoist Mechanism</h3> 	<p>The hoist mechanism of 1-8 ton spider cranes adopts an internal pentagram motor, featuring a compact structure, high torque, and single-rope pulling force exceeding 2 tons.</p>	<h3 style="text-align: center;">Torque System</h3> 	<p>The torque system adopts the same technology as SANY, ensuring highly responsive signal sensing and precision control.</p>
<h3 style="text-align: center;">Remote Control System</h3> 	<p>Combines real-time monitoring of engine RPM, coolant temperature, oil pressure, and engine operational status into a unified interface.</p>	<h3 style="text-align: center;">Engine Mount Vibration Damping Buffer Ring</h3> 	<p>This design, based on automotive engineering principles, effectively reduces engine operation-induced vibrations, enhances the service life of engine components and equipment, and minimizes noise transmission.</p>

ADVANTAGES



FLEXIBLE

Can be used in various terrains and working conditions.



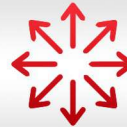
SAFE

High stability provided by hydraulic outriggers.



EFFICIENT

Fast and time-saving operation.



MULTIFUNCTIONAL

Ideal for construction, industrial applications, facility maintenance, and many other uses.

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