

Electric hydraulic foldable boom marine crane installed on multi purpose vessel

BRIEF INTRODUCTION

The foldable boom marine crane, offshore crane is designed as an electro-hydraulic driven articulated boom crane, with integrated electro-hydraulic power package or independent electro-hydraulic power package, delivered as a complete unit ready for installation to foundation. The crane is equipped with hydraulic powered winch, hydraulic powered luffing, hydraulic powered extension and hydraulic powered slewing system.

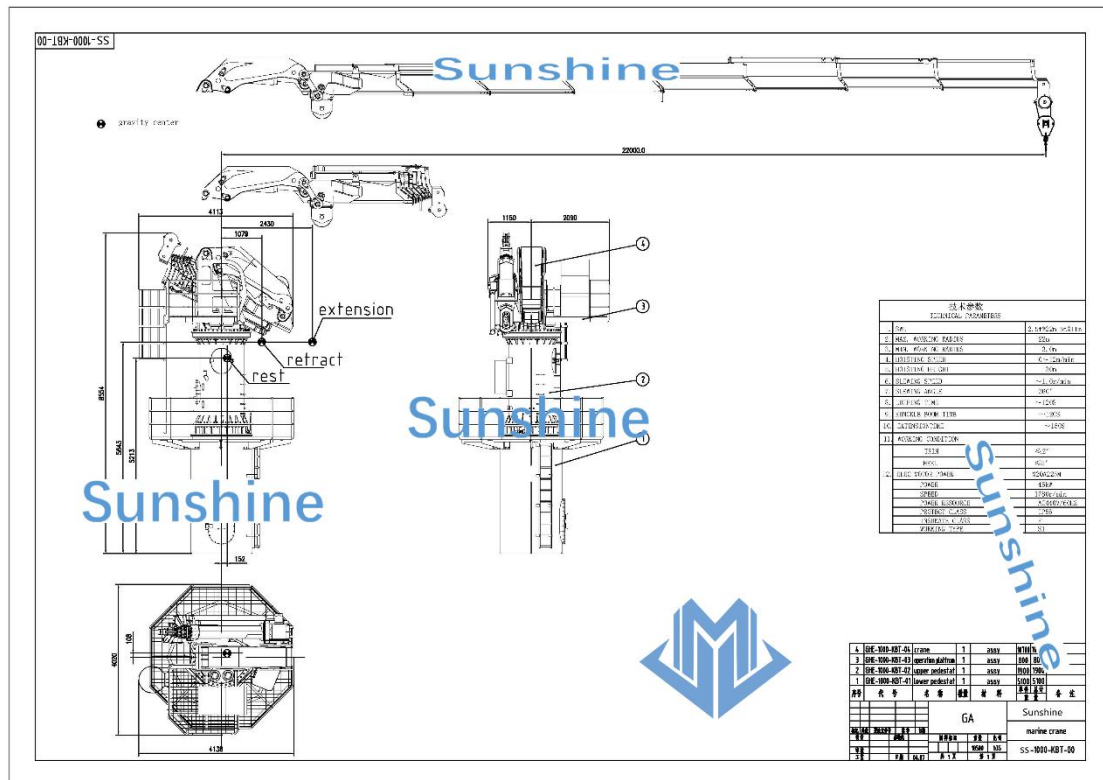
The crane is installed with a rolled steel pedestal for bolting or welding to deck foundation with a standard height of the crane. The different pedestal height is available base on customer`s requirement. The standard foldable boom crane is supplied with an operator seat mounted on crane house. Operator control station is available base on customer`s requirement.

Technical specification

1	SWL	2t@20m
2	Max working radius	20m
3	Min working radius	3m
4	Hosting speed	0~12m/min
5	Slewing speed	1r/min
6	Slewing angle	360° free
7	Luffing time	60s
8	Hook travel	30m
9	Folding time	65s
10	Extension time	120s
11	Working condition	
	Heel	≤ 5°
	Trim	≤ 2°
12	Electric motor	
	Power	37 Kw
	Speed	1480r/min
	Power source	440V 50Hz,
	Protect class	F

	Working type	S1
13	Flow	80L/min
14	Design temperature	-10°~40°
15	Dead weight	~15500 kg

General drawing



Photos of our factory