



REVISION	..				
△x	..		△x	..	
△x	..		△x	..	

[Materials of the main parts]

Side frame A, Side frame B, Drum, Bed plate, Clutch cover, Handle arm	SUS304
Drum shaft	SUS304
Bolts/Nuts, Retaining rings, Springs, etc.	SUS304
Ball bearings	SUS440C
Clutch	CAC403
The mechanical brake parts except Clutch	SUS303
	SUS304
	SUS420J2

It is necessary the fleet angle is 2 degrees or less to prevent the wire rope being unevenly wound to wind the wire rope uniformly.  
Please install the pulley 1800mm or more away from the drum on the drum center line.

Specifications		(The wire rope composition is a manufacturer recommendation.)		
Model	ST-1	Handle Operation Power	Handle Length 250mm	1st Layer 143N (=14.6kgf)
Load Rating Wire Rope Tension	980N (=100kgf) (4th Layer or Less)		Wire Rope Tension 980N	3rd Layer 187N (=19.0kgf)
Wire Rope Length	φ5mm (6×19)×35m (6th Layer)	Weight (Winch+Handle)	7.4 kg	
Gear Ratio	1/1		Standard Accessories	
Handle Length	250mm (Effective Max.)	One Hex Wrench for Wire Lock		

MARK	PARTICULARS	MATERIAL	TEST PIECE	WORKING NO. REQUIRED	SPARE (PBR)	TOTAL	PER ONE TOTAL	REMARKS
MANAGER							WORK NO.	QUANTITY
DEPUTY MANAGER								
CHIEF	I. Takahashi	MAXPULL STAINLESS WINCH (METALLIC PAINTING)					CLASSIFICATION	SCALE
ENGR IN CHARGE								/
CHECKED BY							DRAWING NO.	
DRAWN BY	T. Yonezawa		MODEL ST-1				ST1-101201-01E	
DATE DRAWN	2010/12/01							
MAXPULL MACHINERY & ENGINEERING CO., LTD.								