



Electro&Manual
Winch Mechanical
Mast Product
Albums





Electro & Manual Winch Mechanical
Telescopic Mast

Product Album
Rev 04



Tianhe Telescopic Mast Factory Co.,Ltd.

www.telescopic-masts.com www.tianhemast.com

Tianhemast China: www.wz-th.com

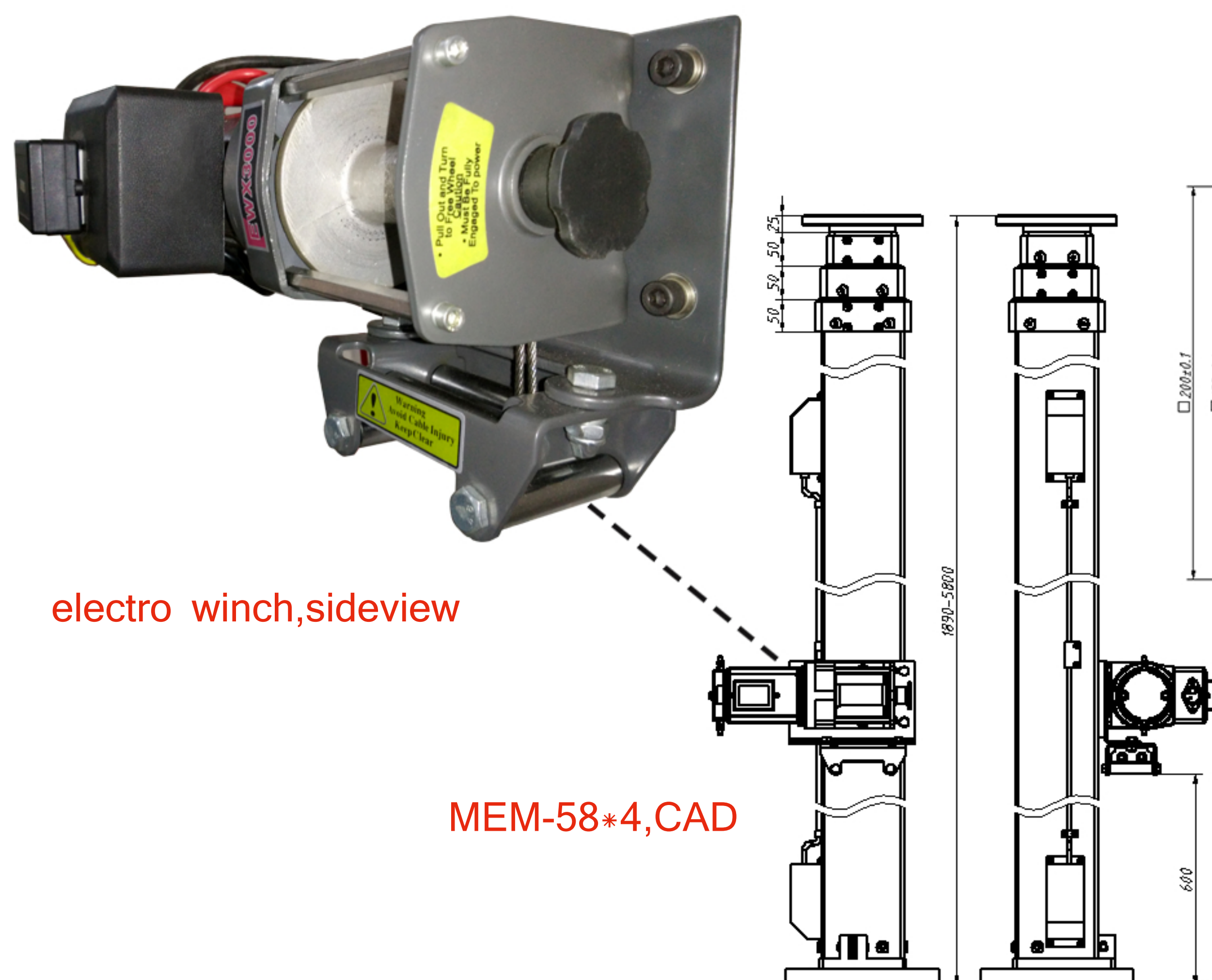
Electro Winch & Manual Winch Mechanical Telescopic Mast

Electro Winch Mechanical Telescopic Mast Model (Auto)

Model Number	Extended Height(m)	Retracted Height(m)	Section Number	Payload Capacity(kg)	With Guy Rope Payload(kg)
MEM-58*4	5.8	1.9	4	50	65
MEM-60*5	6	1.67	5	40	60
MEM-60*6	6	1.5	6	45	65
MEM-80*5	8	2.15	5	30	50
MEM-80*6	8	1.9	6	35	55
MEM-100*6	10	2.3	6	20	35
MEM-100*7	10	2.07	7	25	40
MEM-120*7	12	2.41	7	20	35
MEM-140*7	14	2.76	7	20	35
MEM-160*7	16	3.1	7	15	30

Tianhe Electro winch masts manufactured to fulfill the clients' demands for a bigger payload capacity and new higher height than manual winch masts are revolutionary electric-winch-driven technology in elevation industry, taking more advantage of 6005T5 alloy aluminum tubes and Tianhe pulley wheel system. Tianhe electro winch masts elevate your mission to a new level faster and more convenient by electrical power to break through the limit of manual winch.

The mounting ways of electro winch mast can be customized for vehicle or fixedly-mounted, we can also design it according to your CAD drawing for your applications.



electro winch, sideview

MEM-58*4, CAD

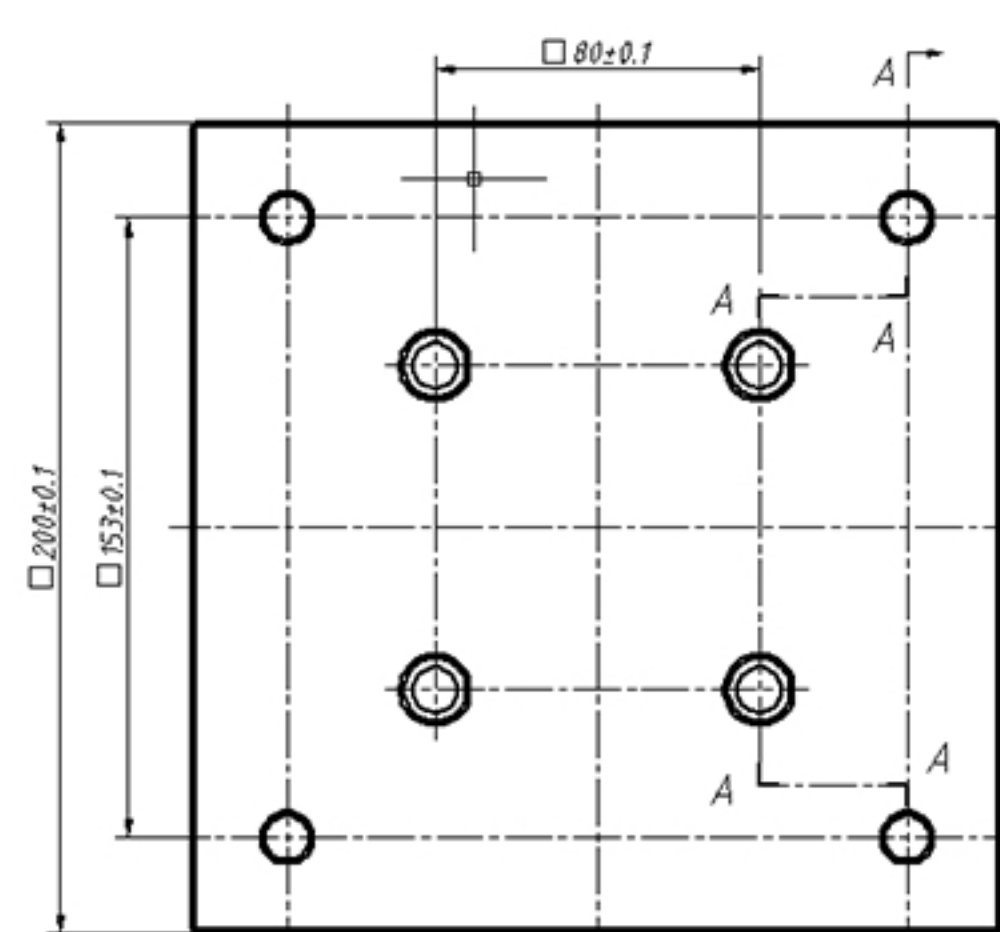
Manual Winch Mechanical Telescopic Mast Model (Manual)

Model Number	Extended Height(m)	Retracted Height(m)	Section Number	Payload Capacity (kg)	With Guy Rope Payload(kg)
MEW-40*3	4	1.75	3	30	Non
MEW-58*4	5.8	1.9	4	30	Non
MEW-74*4	7.4	2.42	4	30	Non

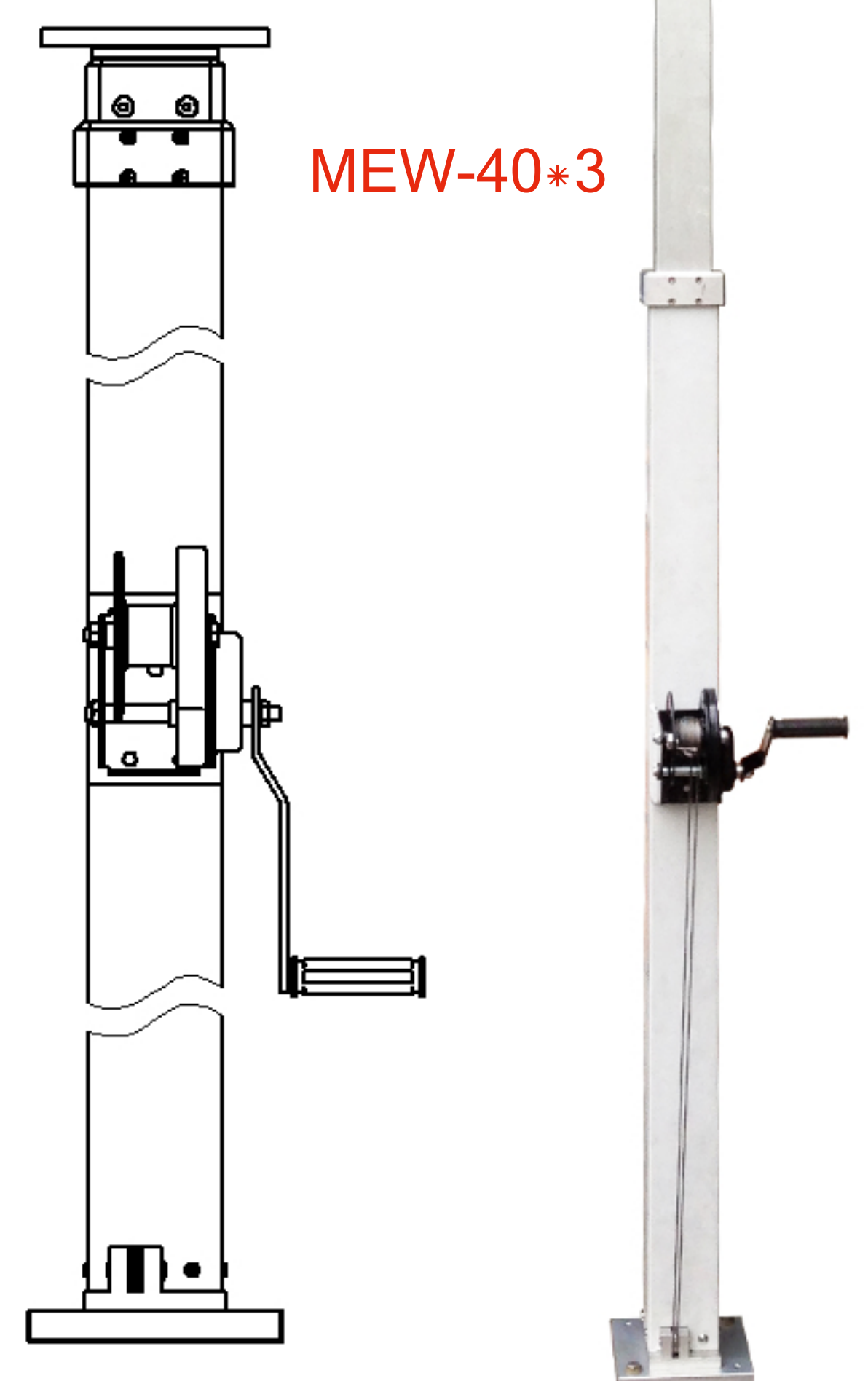
The Tianhe exclusive research and developed manual winch mast are recognized as the best standard hand operation mast in China.

Tianhe manual winch mast can be quickly erected for antenna system and lights elevation within a 30kg loading capability, ground and mobile mounting solutions are optional for this lightweighted masts, with manual mechanical pulley wheel system built inside the mast collar to protect from external extremely environmental invasion, greatly prolonging the product life span. While other manufacturers built the pulley wheel system outside the mast collar, which is harmful to mast and stainless wire.

We use aluminum 6005T5, which is high strength, well tensile rate, strong hardness status to composite tubes.



MEW-40*3 base mounting dimension

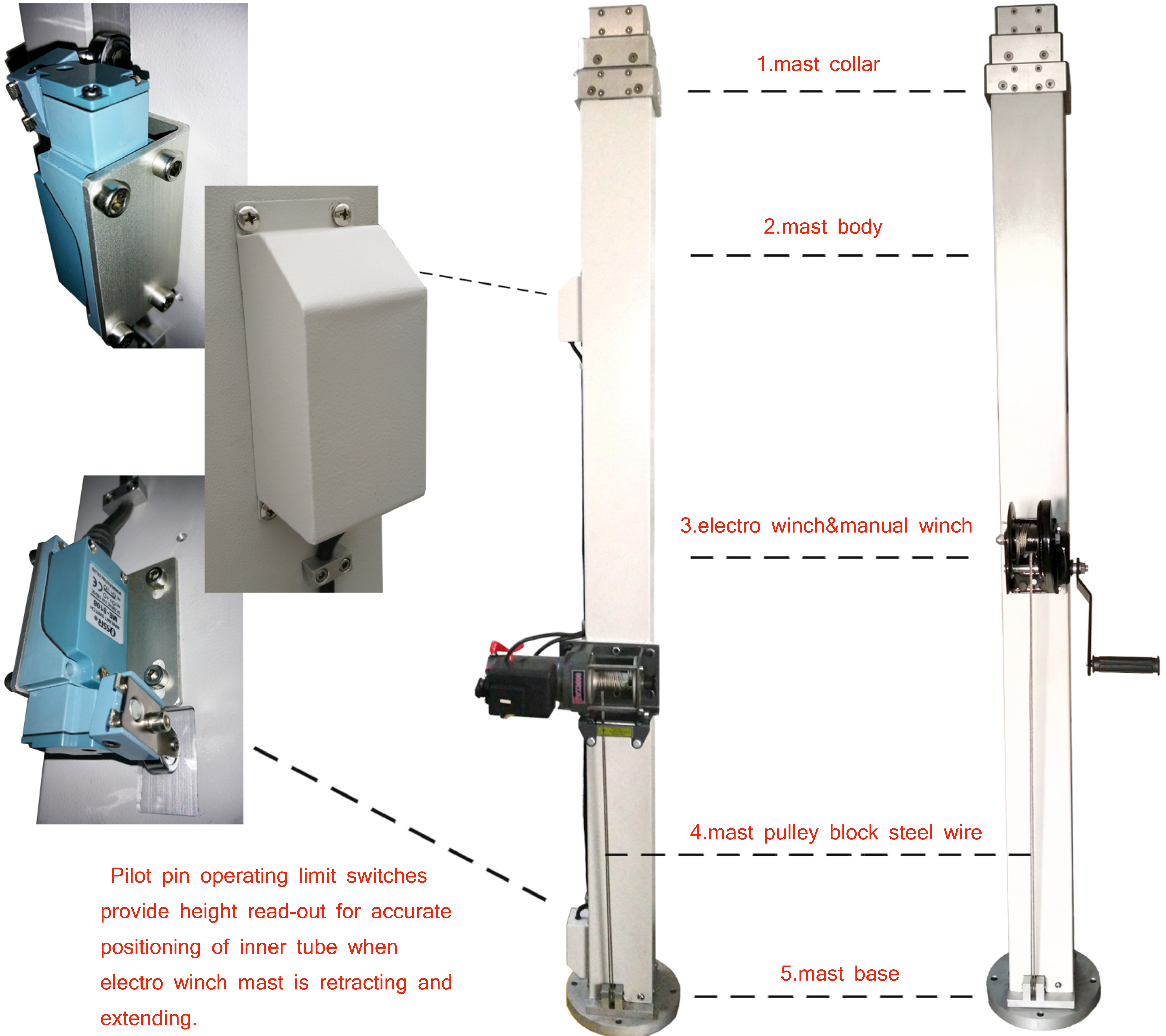


MEW-40*3

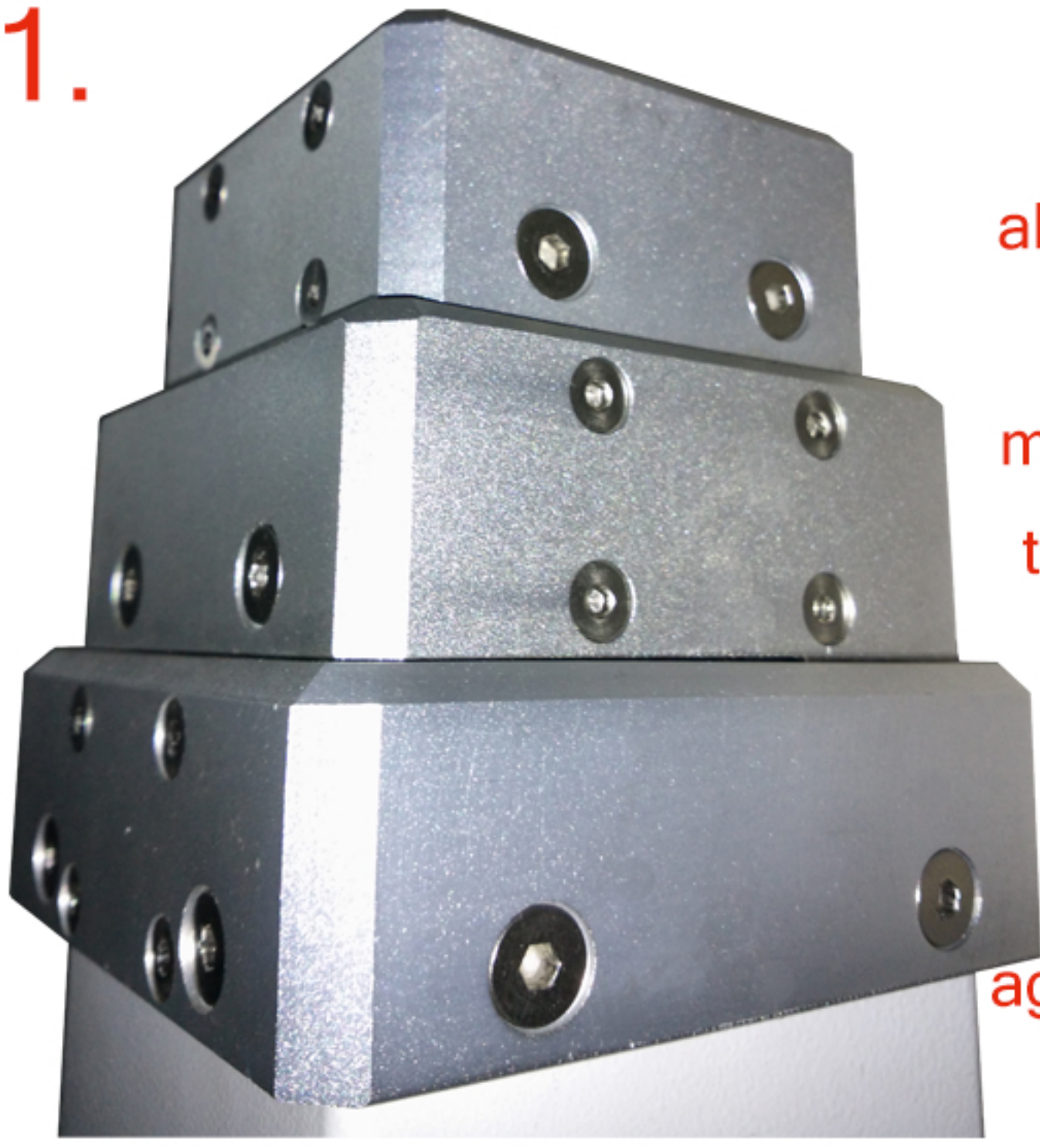
Detailed Introduction of Winch Mechanical Telescopic Mast

MEM-58*4

MEW-58*4



1.



Steel wire and pulley system built inside the aluminum square collar to make the collar shape more smooth and prevent the internal system from invasion of extreme external environment. Sand blasting, anodized against corrosion and acid rain.

2.



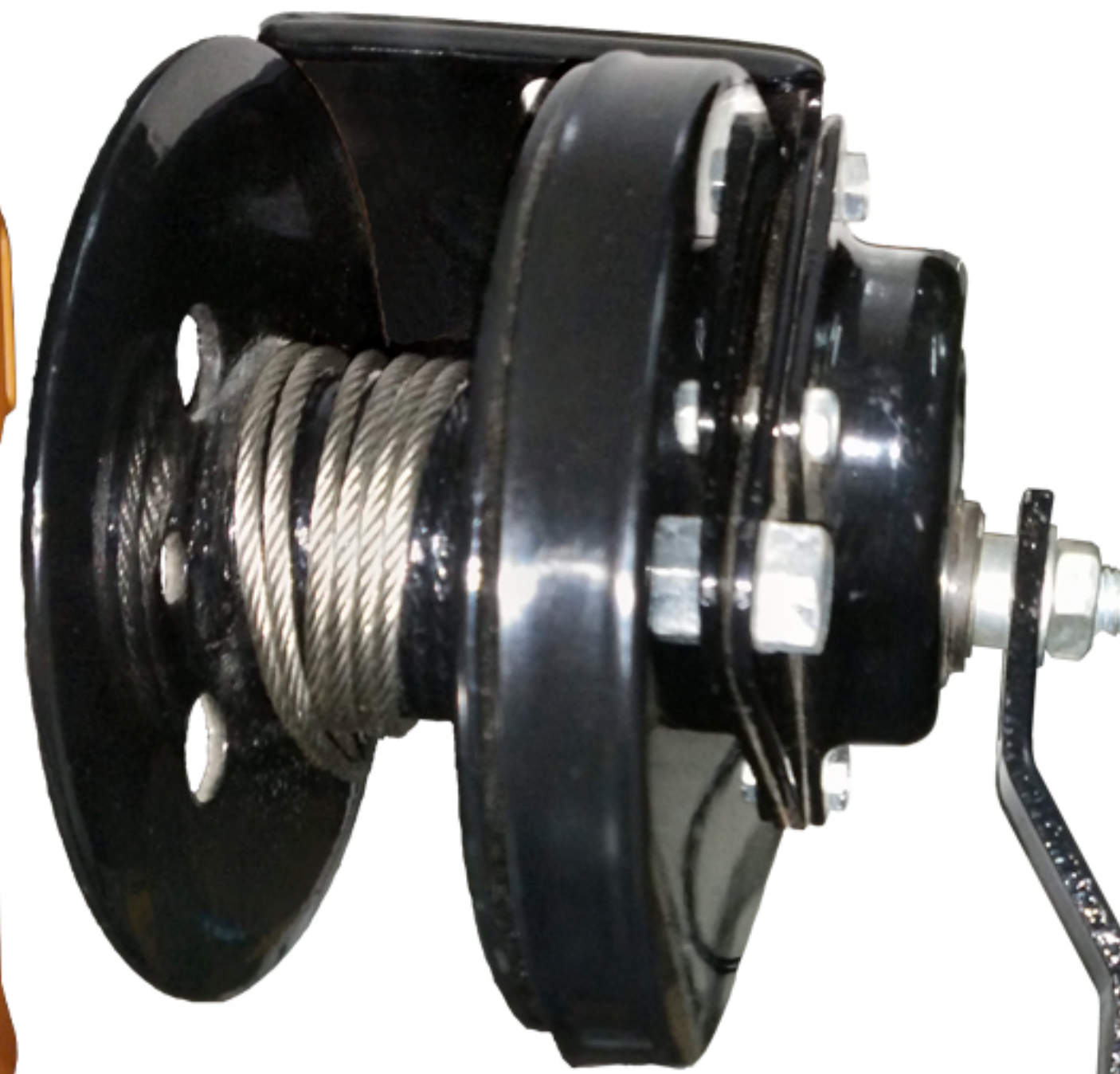
Tianhe Telescopic Mast Factory exclusively use heat-treated, hardened coat 6005T5 alloy aluminum to build the mast, with a much more better strength, tensile rate and hardness than all the rivals' masts. Plastic spraying, Anodized

3.

electro winch with remote and wired controller

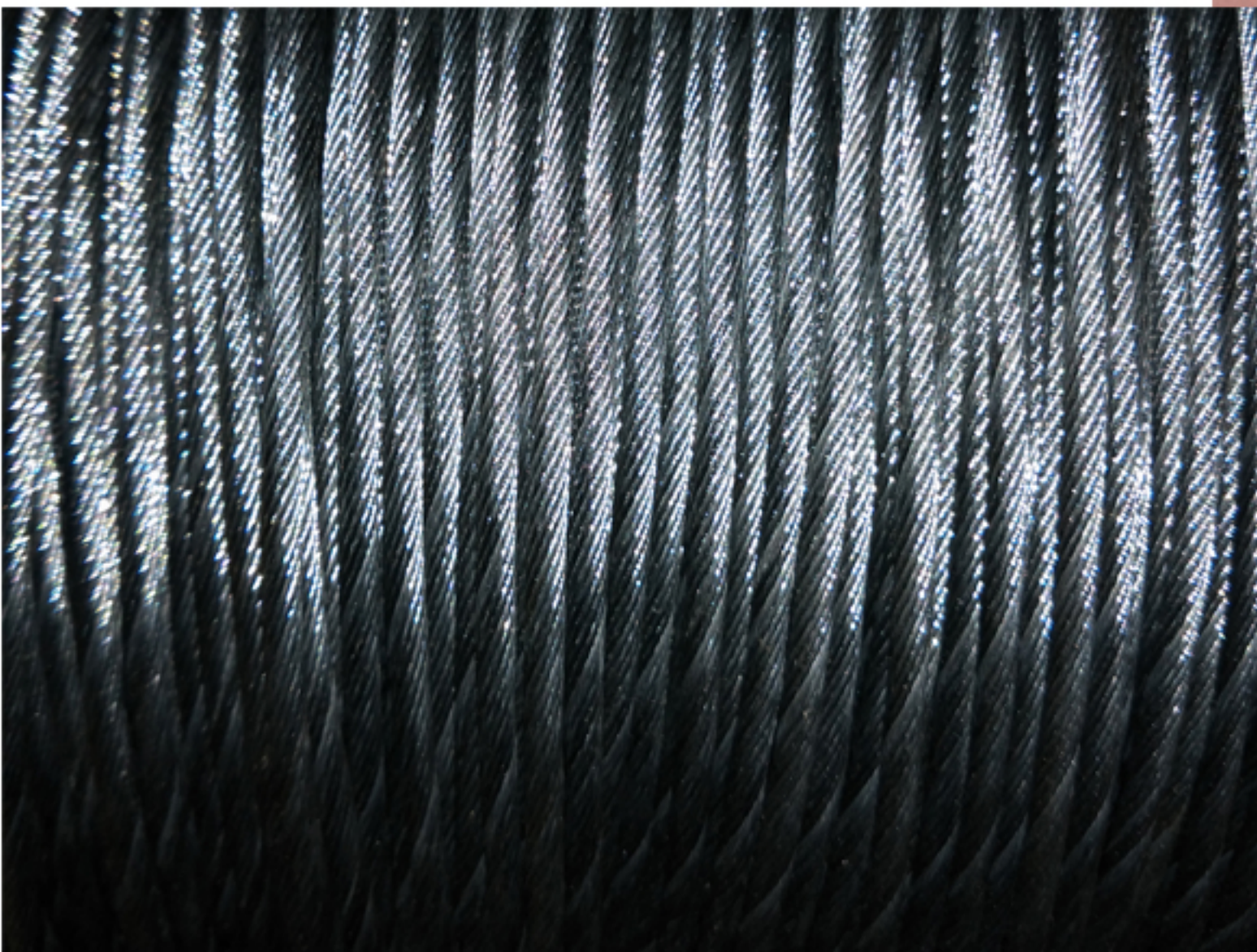


manual winch



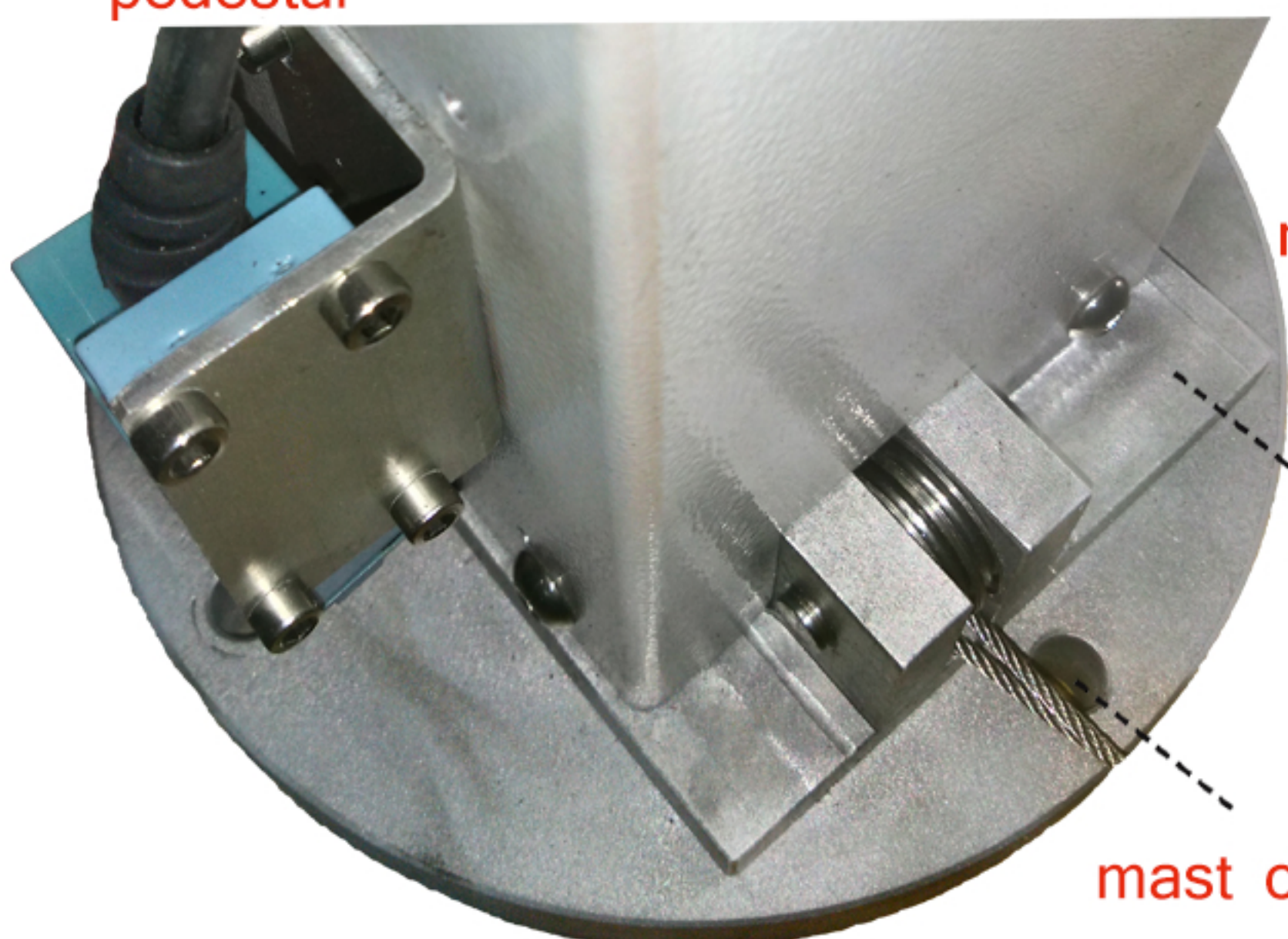
4.

multi-strand & core steel wire with great hardness and toughness



5.

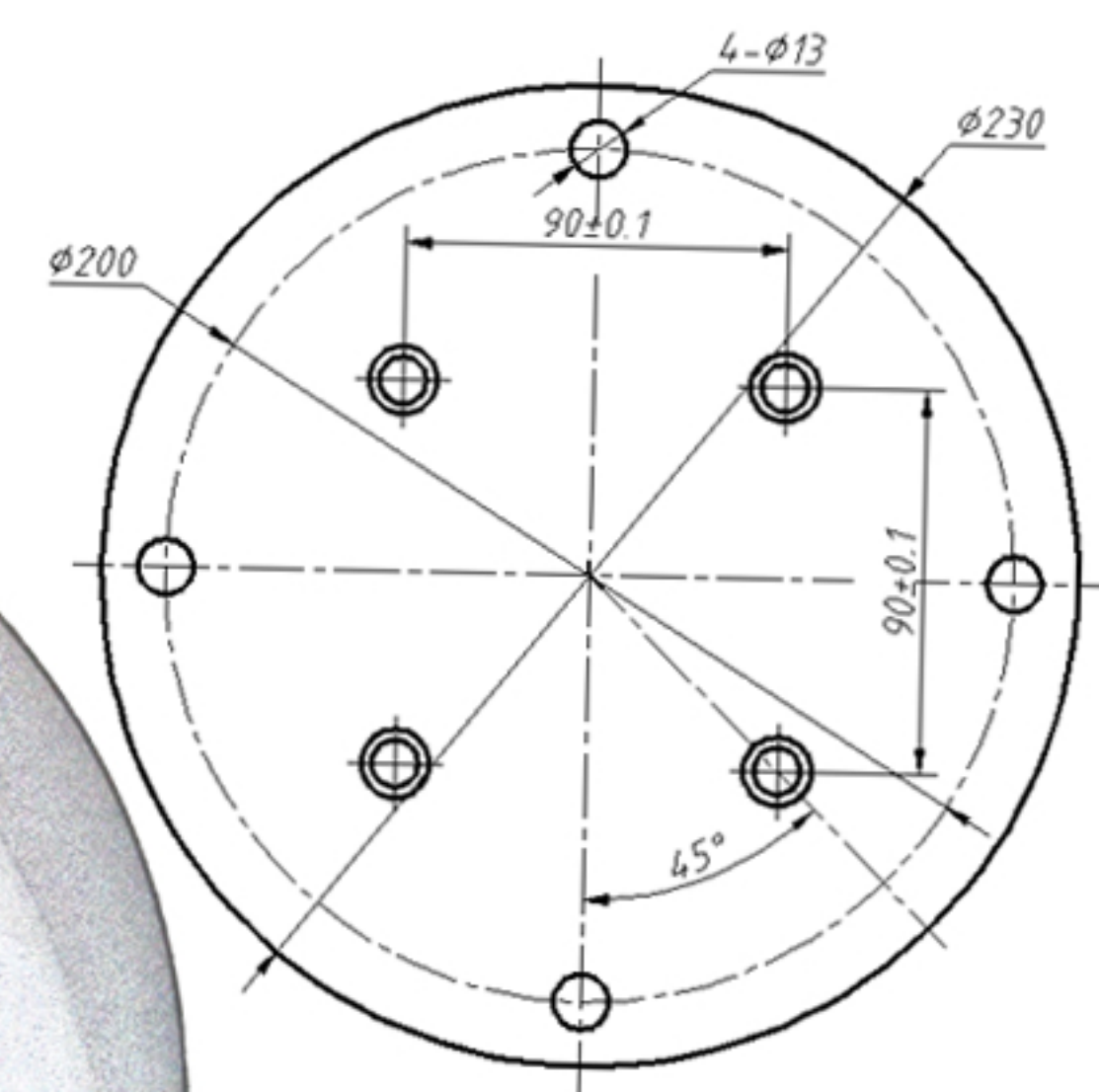
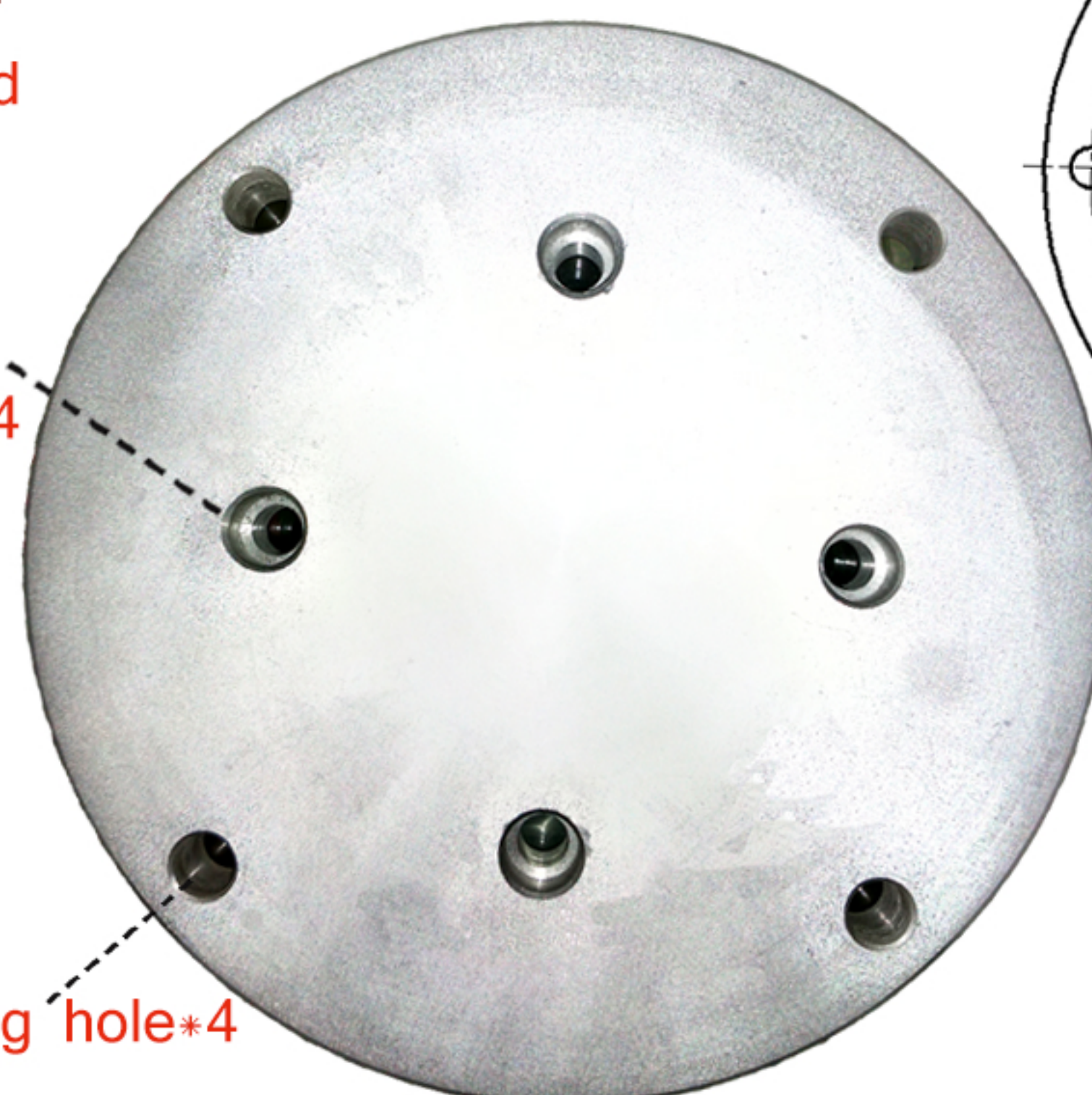
MEM-58*4 and MEW58*4 share the same chassis and pedestal



mast pedestal mounting hole*4

mast pedestal

mast chassis mounting hole*4



Mechanical Telescopic Mast Applied Cable Solution



Tianhe Winch Mechanical Masts Application Field



Manual Winch Mast MEW-40*3 for Korea Mobile Surveillance project

Tianhemast have been doing great jobs on mobile mechanical telescoping masts for years. And it's mechanical telescoping pole served wide range of industries for long time.

Now it comes to have an opportunity to take part in the Korean company to supply Tianhemast's marvelous mast and tower solution to mount the Korean company's thermal camera surveillance equipments to fulfill the UN PKO Lebanon Project on 2014.

We are proud that we have been selected as a trusted supplier of the Korean company and our mast and tower solution have also make the UN soldier safer and more comfortable when taking the military action.



Manual Winch Mast MEW-74*4 for Australian Company Antenna Trailer Project

Mining is a significantly industry in Australia, which contribute greatly to national economy and Australia is world-famous for its wide territory rich in coal mines and iron mines remaining unexplored. So in these areas a effective integrated mobile communication solution is required to fulfill mining jobs.

This is a trailer built by the Australia mining company in Brisbane branch factory, they manufacture all types of trailer system specializing in solar powered ones for the mining industry. This time Tianhemast is the project partner to supply with mast solution for the mobile antenna communication trailer.

Each trailer contains 2x100W solar panel, 2*180AH storage battery, 1 unit of Tianhemast 7.4 meter winch mechanical telescopic mast and antenna equipment. These trailers are doing excellent jobs in mining mobile communication application for the fellow people there!

