

NEW ONE-WAY LOCKING RESCUE HAULERS

ISC HAS FURTHER DEVELOPED ITS RANGE OF RESCUE HAULERS TO INCORPORATE ONE-WAY LOCKING BEARINGS, MAKING THEM INTO A COMPLETE LIFTING/LOWERING RESCUE TOOL SUITABLE FOR EVEN THE MOST DIFFICULT ENVIRONMENTS AND THE HEAVIEST LOADS.

THE SINGLE AND DOUBLE PULLEY RESCUE HAULERS HAVE BEEN AVAILABLE FOR MANY YEARS AND HAVE BEEN VERY POPULAR, BUT FOLLOWING USER FEEDBACK WE DECIDED TO LOOK AT FITTING ONE-WAY NEEDLE BEARINGS INTO THE WHEELS (LIKE THOSE USED IN OUR RP700 PULLEY). THIS MEANS THAT THE WHEEL WILL TURN ANTI-CLOCKWISE WHILST LIFTING (SO FRICTION IS AT A MINIMUM) BUT WILL LOCK TURNING CLOCKWISE WHILST LOWERING (INCREASING FRICTION TO A MAXIMUM). TESTS SHOW THAT WHILST LOWERING A LOAD AS PART OF A 4:1 PULLEY SYSTEM THE FRICTION CAN INCREASE BY AS MUCH AS 80%. THIS MEANS PRACTICALLY THAT THERE IS A SIGNIFICANT INCREASE IN THE USER CONTROL WHILST LOWERING – AN 80KG WEIGHT CAN BE CONTROLLED BY USING ONLY FINGER AND THUMB!



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OF COURSE WHILST LIFTING A LOAD, THE LOCKING-CAM CAN BE ACTIVATED TO SLIDE AGAINST THE ROPE PREVENTING ANY LOSS OF CONTROL. THE CAM IS SPECIALLY DESIGNED TO CREATE MINIMAL DAMAGE TO THE ROPE EVEN IN TENSION AND WILL DEFORM AT MUCH HIGHER LEVELS THAN WOULD NORMALLY BE SEEN IN A STATIC LOAD.

PREVIOUSLY A RESCUE HAULER KIT WOULD HAVE TO COMPRISE OF RP703 (DOUBLE HAULER) + RP700 (DOUBLE LOCKING PULLEY). NOW THAT THE RP705 INCORPORATES THE SPECIAL BEARINGS A RESCUE HAULER KIT CAN CONSIST OF AN RP705 (DOUBLE HAULER) + ANY SUITABLE PULLEY. THIS MAKES THE SYSTEM LESS COSTLY AND AVAILABLE WITH MORE VARIATION.

RATED AT 40KN/8800LBS IT OFFERS A MINIMUM WLL OF 400KG/880LBS (2-PERSONS PLUS A STRETCHER) FOR PERSONNEL. AT 878G/2.0LB IT IS RELATIVELY LIGHTWEIGHT AND MEASURING 220MM/9IN IT WILL FIT UNDER THE HEAD OF TRIPOD WHILST STILL ALLOWING A PERSON TO BE FULLY EXTRACTED. BY UTILISING THE BECKET EYE ADDITIONAL PULLEYS COULD BE ADDED TO CREATE A MECHANICAL ADVANTAGE OF UP TO 6:1.

THE RP704 IS A SINGLE WHEEL VERSION OF THE SAME DEVICE AND CAN BE USED FOR LIGHTER LOADS OR EVEN TENSIONING SYSTEMS SUCH AS ZIP LINES FOR USE IN TREE WORK (SOMETIMES KNOWN AS A 'FIDDLE' BLOCK').

THE RP704/705 RANGE IS FULLY CE APPROVED AND IS MEETS THE REQUIREMENTS OF NFPA 'G' RATED EQUIPMENT. IT IS DESIGNED FOR MOST KERNMANTLE ROPES OF UP TO 13MM/1/2" DIAMETER. EACH UNIT IS INDIVIDUALLY SERIAL NUMBERED.

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