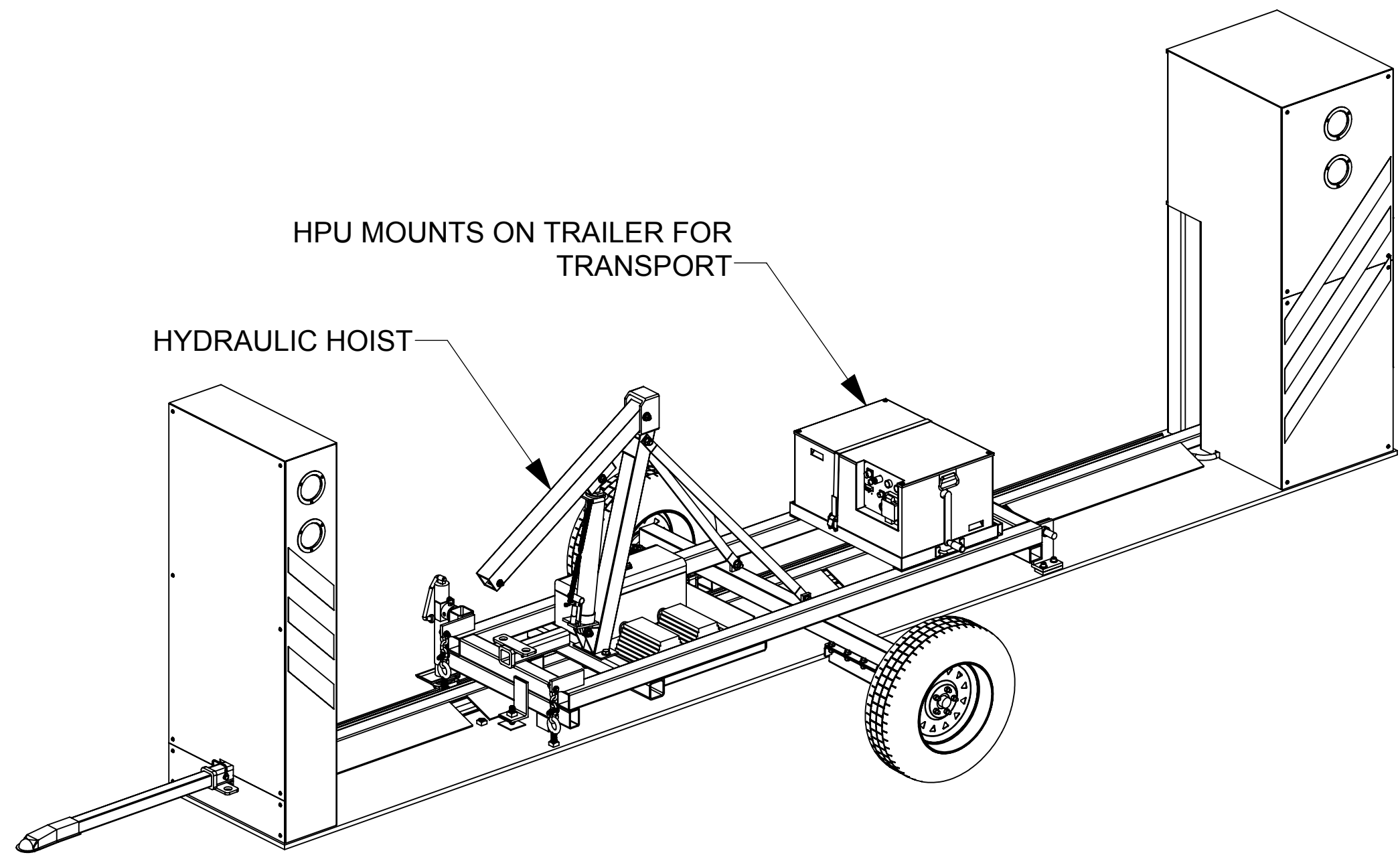
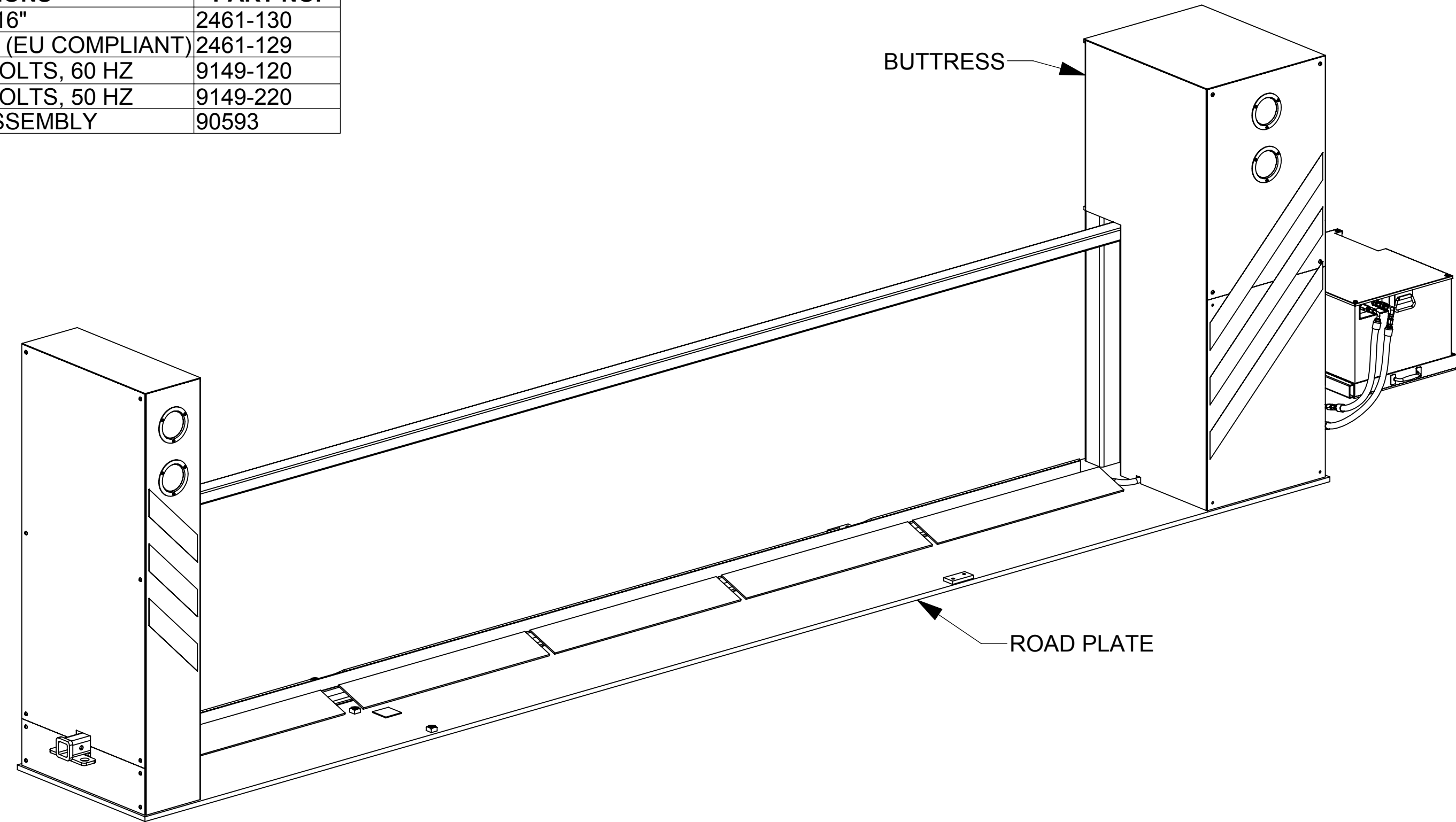


OPTIONS	PART NO.
HITCH BALL, 2-5/16"	2461-130
LUNETTE EYE, 3" (EU COMPLIANT)	2461-129
CABLE KIT, 120 VOLTS, 60 HZ	9149-120
CABLE KIT, 220 VOLTS, 50 HZ	9149-220
SOLAR PANEL ASSEMBLY	90593



***DELTA SCIENTIFIC'S DSC1500 PORTABLE  
CRASH RATED BARRIER***

THE SYSTEM HAS BEEN TESTED IN FULL SCALE CONFIGURATION AT AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH THE ASTM F2656-18A STANDARD TEST METHOD. THE BARRIER RECEIVED AN IMPACT RATING OF P3 AT THE M30 TEST LEVEL. (FULL SCALE CRASH TEST FOR CERTIFICATION SUCCESSFULLY CONDUCTED BY APLUS IDIADA KARCO ENGINEERING, ADELANTO, CA ON OCTOBER 8, 2018). IT IS CONFIGURED FOR EXPEDITED DEPLOYMENT AND, AS NEEDED, RETRIEVAL AND RELOCATION.

THIS BARRIER SYSTEM CAN BE SITED ON EXISTING CONCRETE OR ASPHALT ROADWAYS OR VERGES; LEVEL COMPACTED SOILS OR SOME COMBINATION OF THESE. NO EXCAVATION OR SUB-SURFACE PREPARATION IS REQUIRED.

THE DSC1500 IS A SELF CONTAINED BEAM TYPE BARRIER WITH FREE PASSAGE BETWEEN BUTTRESSES OF 16 FT. (192 IN.) AND NO VEHICLE HEIGHT RESTRICTIONS.

THE BARRICADE IS DEPLOYED AFTER BEING TOWED TO THE SITE AND THEN LOWERED INTO POSITION BY MEANS OF A HYDRAULIC HOIST THAT IS BUILT IN TO THE TRAILER. TO TRANSPORT THE BARRIER, THE SAME HYDRAULIC HOIST IS USED TO LIFT THE BARRIER TO THE TRAILER. BOTH DEPLOYMENT AND REMOVAL OF THE BARRICADE SYSTEM ARE DONE IN LESS THAN 10 MINUTES. THE HYDRAULIC HOIST IS DRIVEN OFF OF A LEVER OPERATED HYDRAULIC CYLINDER.

THE BARRIER IS OPERATED BY ITS BATTERY POWERED HYDRAULIC POWER UNIT, AND IS PUSH BUTTON CONTROLLED. THE SYSTEM'S BATTERY IS REPLENISHED BY LOCAL LOW VOLTAGE SOURCES OR AN OPTIONAL SOLAR PANEL.

**PROTECTED SIDE**

255.0in [647.6cm]

192.0in [487.7cm]

**ATTACK SIDE**

225.0in [571.5cm]

10.7in [27.1cm]

22.7in [57.5cm]

39in [1m]

STOP/GO TRAFFIC SIGNAL

QUICK DISCONNECT HOSE FITTINGS ALLOW FOR EASY REMOVAL OF THE HYDRAULIC POWER UNIT FOR TRANSPORT

HPU MAY BE MOUNTED ON BARRIER AS SHOWN, OR LOCATED REMOTELY WITH AN OPTIONAL 20 FOOT INTERCONNECT LINE

66.3in [168.5cm]

**ATTACK SIDE**

KEYED PUSH BUTTON CONTROL STATION

29.0in [73.7cm]

DESCRIPTION	WEIGHT
BARRIER W/O HPU	2973 LB (1349 KG)
BARRIER W/ HPU	3212 LB (1457 KG)
TRAILER W/O HPU	646 LB (293 KG)
TRAILER W/ HPU	883 LB (401 LB)
BARRIER W/ HPU AND TRAILER	3876 LB (1758 KG)
TONGUE WEIGHT	60 LB (27.2 KG)

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UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES

TOLERANCES  
 X = ± .060/FT  
 XX = ± .030/FT  
 XXX = ± .010/FT  
 ANGLES = ± 5°

SURFACE FINISH  
 125 ✓

REMOVE ALL BURRS AND BREAK SHARP EDGES .02 MAX

**DELTA SCIENTIFIC CORPORATION**  
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**DSC 1500 16' PORTABLE ROADWAY BARRIER GENERAL ARRANGEMENT**

DRAWN BY M. OWENS	DATE 1/11/19	DRAWING NO. <b>90124</b>	REV. <b>1</b>
CHKD BY	DATE	SCALE: 1:15	SHEET 1 OF 1
APPV BY	DATE		