Upperbody Link structure

(this data is for Left arm. For Right arm, change the signal of y values in relative position)

Torso

Stlexport o

Mass 4.638838036

COM

Xcbar = 57.398606158

Ycbar = -0.304170719

Zcbar = 134.904069352

Inertiamtx

Ixx = 43249.589454061

Iyy = 32832.240627750

Izz = 26890.957053877

Pyz = -34.554417674

Pxz = 289.646895846

Pxy = 17.645766171

Relative position000

Rpy000

Shoulder

Stlexport o

mass = 1.622221237

COM

Xcbar = -38.895757406

Ycbar = -0.026615762

Zcbar = 25.531589733

Ixx = 7449.899277203

Iyy = 1163.361317168

Izz = 7690.415292416

Pyz = -0.628570312

Pxz = -1.414420525

Pxy = -1.088074556

Relative position

델타 XC = 73.250000000 X = 73.250000000

YC = -0.000000000 Y = -0.000000000

ZC = 260.000000000 Z = 260.000000000

Rpy000

Arm1

stlexport o

mass = 0.139010022

COM

Xcbar = 0.232207012

Ycbar = -0.000000776

Zcbar = 0.155469997

Ixx = 40.708123688

Iyy = 41.859273042

Izz = 26.530671792

Pyz = -0.000024693

Pxz = -0.440304521

Pxy = -0.000021737

Relative position

델타 XC = -25.500000000 X = -25.500000000

YC = 146.850000000 Y = 146.850000000

ZC = -4.250000000 Z = -4.250000000

델타 XC = -25.500000000 X = -25.500000000

YC = 180.350000000 Y = 180.350000000

ZC = -4.250000000 Z = -4.250000000

Rpy000

Arm2

Stlexport o

mass = 0.133063263

COM

Xcbar = -20.549608460

Ycbar = -0.000000000

Zcbar = -37.317297820

Ixx = 31.684976739

Iyy = 52.099646719

Izz = 38.056602096

Pyz = 0.000000000

Pxz = 5.725370067

Pxy = 0.000000000

Relative position

델타 XC = 19.000000000 X = 19.000000000

YC = 16.750000000 Y = 16.750000000

ZC = -13.250000000 Z = -13.250000000

델타 XC = 19.000000000 X = 19.000000000

YC = -16.750000000 Y = -16.750000000

ZC = -13.250000000 Z = -13.250000000

Rpy000

Arm3

Stlexport o

mass = 0.160744173

COM

Xcbar = 0.000105569

Ycbar = 0.013965475

Zcbar = -119.263533547

Ixx = 257.310537655

Iyy = 253.796719210

Izz = 27.565920134

Pyz = -0.426918560

Pxz = -0.000000771

Pxy = 0.000272514

Relative position

델타 XC = -11.250000000 X = -11.250000000

YC = -0.000000000 Y = -0.000000000

ZC = -58.000000000 Z = -58.000000000

Rpy000

Arm4

stlexport o

mass = 0.028725000

COM

Xcbar = -5.156255666

Ycbar = 0.000000000

Zcbar = -42.096604505

Ixx = 33.866710531

Iyy = 34.178996230

Izz = 4.659764491

Pyz = 0.000000000

Pxz = 4.365260840

Pxy = 0.000000000

Relative position

델타 XC = -0.000000000 X = -0.000000000

YC = 18.750000000 Y = 18.750000000

ZC = -148.250000000 Z = -148.250000000

Rpy000