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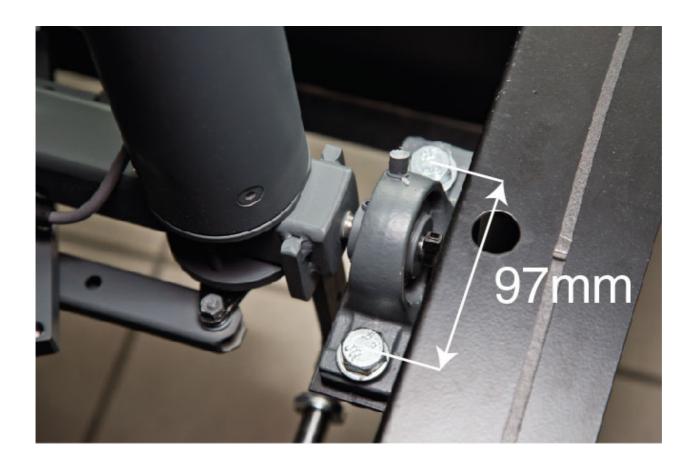
# FSC 737NG-YOKE-DUAL-LINKED-PRO Assembly guide

ME141059 Vers.3.0 Date:11/24/2017

Product: 219914 737NG-YOKE-DUAL-LINKED-PROFESSIONAL (Passive Force)

Unpacking The Yoke.

The Yoke system is fitted on 2 Ball bearing supports, with 4 fixing holes, 4 M12 bolts, 97mm center to center distance.







# Flight Simulator Center

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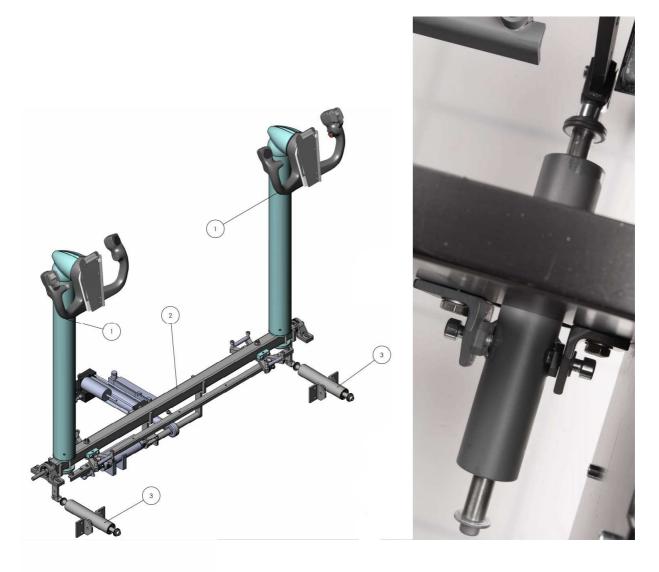




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The vertical column has 2 springs (items  $n^{\circ}3$ ), fixed with a distance of 161mm from the center. You can fix the springs with brackets in vertical or horizontal position. There is also an hydraulic damper (item  $n^{\circ}2$ ).

The link between the springs and Yoke is made by a fork head.









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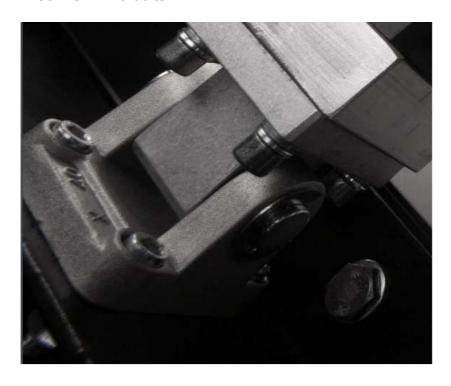


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The damper /linear pot is connected to the Yoke system with an uniball link:



On the other side of damper complex there is a bracket with 4 holes with 40mm distance, fixed with 4 M6 bolts.







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After the mechanical system is ready, connect the pitch axis linear pot:





And finally connect the DB44 plug to USB joystick interface box:





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# You can regulate the roll force with 4 springs:





You can install or remove from 4 to 2 springs to regulate the "return to center" force.



#### Spring Forces table

| 4 springs | start ∼2Kg <sub>f</sub> | half way ~5,0Kg <sub>f</sub> | full deflection ~7,5Kg <sub>f</sub> |
|-----------|-------------------------|------------------------------|-------------------------------------|
| 3 springs | start ~2Kg <sub>f</sub> | half way ~4,0Kg <sub>f</sub> | full deflection ~6,5Kg <sub>f</sub> |
| 2 springs | start ~2Kg <sub>f</sub> | half way ~3,4Kgf             | full deflection ~5,0Kgf             |



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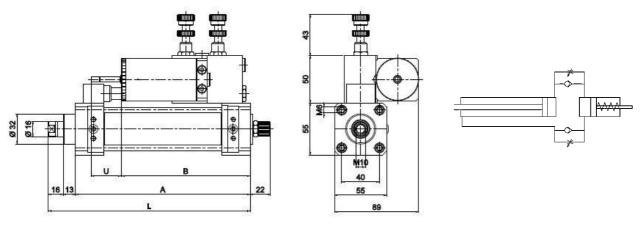
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For damping effect, You can regulate the compression and extension of damper, compression for left and extension for right, obviously for roll axis the values must be the same for each side.



#### **SPECIFICATIONS AND DIMENSIONS** Extension Extension С D trave Compression Travel speed Weight Compression mm N max N max N min. m/min mm g WM-VD32-100 1700 0.015 - 40 290 100 2000 40 470 190

# But You can have a different setting for elevator axis:



DATI TECNICI E DIMENSIONI – SPECIFICATIONS AND DIMENSIONS

| MODELLO - MODEL | CORSA - STROKE | D   | imensioni – | Dimensions | 3  |
|-----------------|----------------|-----|-------------|------------|----|
|                 |                | A   | В           | L          | U  |
| 40.RPD.200.NO   | 200            | 286 | 158         | 315        | 47 |



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# How to regulate the "NULL ZONE" on bevel Gear

### Remove the Chart Holder unscrewing the 3 hex screws on the back:











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#### Detach electrical connectors



# Self Locking unit disassemble:

The Control Wheel is locked with a self locking unit: you must unscrew the 4 bolts first, each a bit at a time, in circular order:









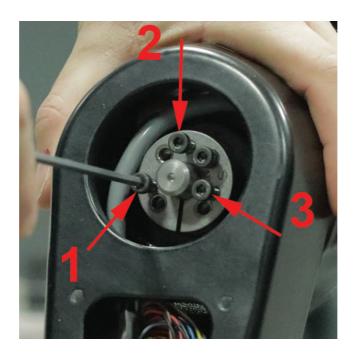
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Then you have to screw 3 of them (each a bit at a time in circular order) in the extracting holes until you hear a "click"



Now, the wheel is decoupled from the shaft and free to move:





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Now you must loose 4 nuts, to regulate the 4 grub screws.





And loose or thight the gooseneck nut:











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Regulate the "null zone" of the Yoke thightening or loosening the nut (1) located in back of gooseneck:



and loose or thigh the 4 grub screws (2) to "pack" the Yoke shaft, and eliminate dead zone.

Then, screw the 4 nuts back.









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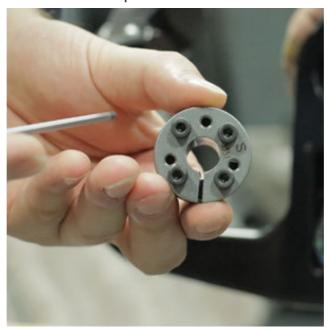




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# **Self Locking unit reassemble:**

To fix the control wheel back to the gooseneck shaft, put the 4 screws back in original position:



Then, screw them tightly, each a bit at a time, in circular order:

Pay attention to Gooseneck/Control Wheel Alignment when reassembling:







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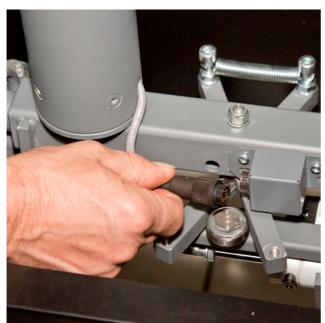


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## How to Remove the Yoke Column

You must leave an inspection panel over the central movement bar, is important to inspect the wiring.

Open the panel and unplug the HR10 plug, then unscrew and remove the 4 bolts located on the base of column:

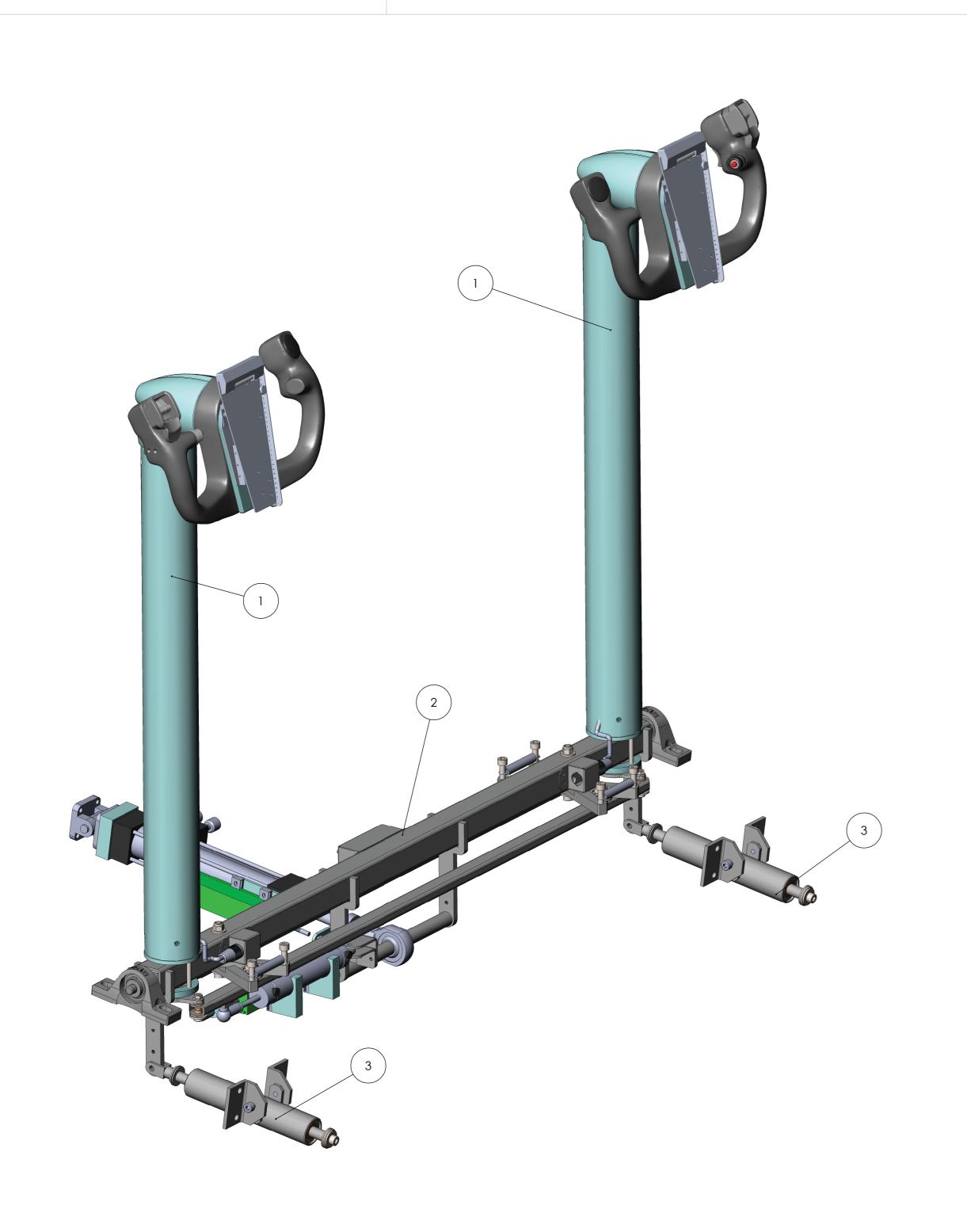




Now remove column.

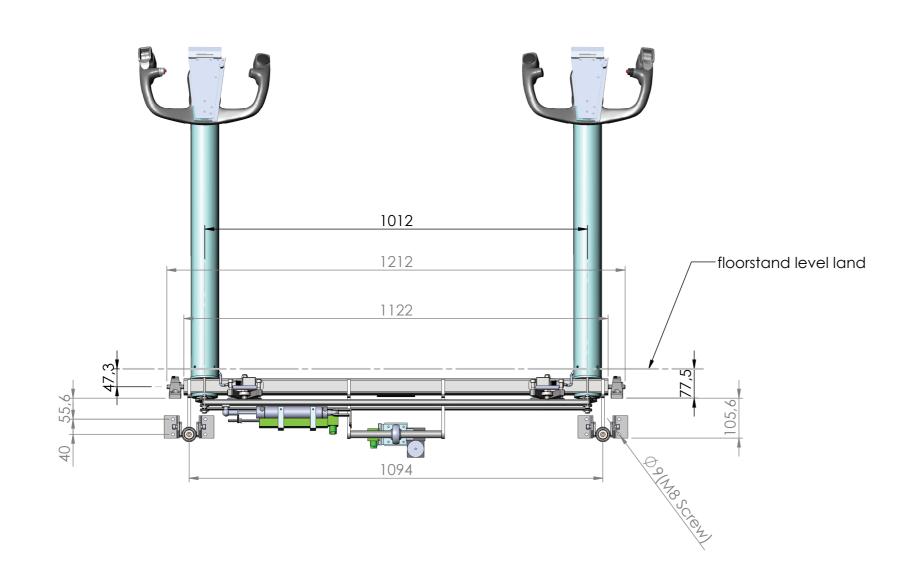


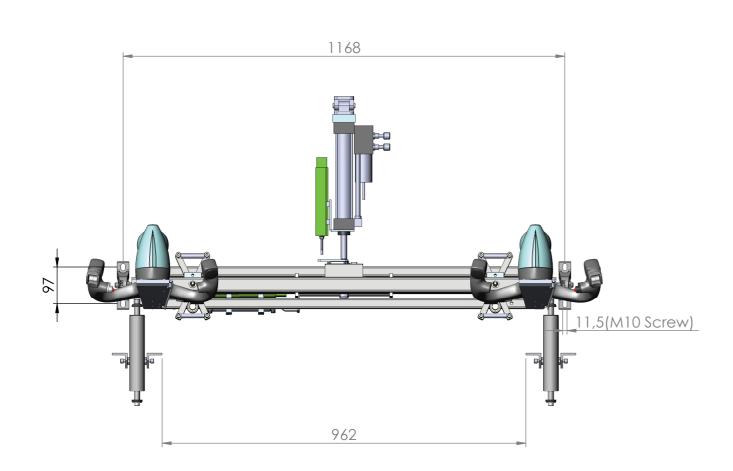


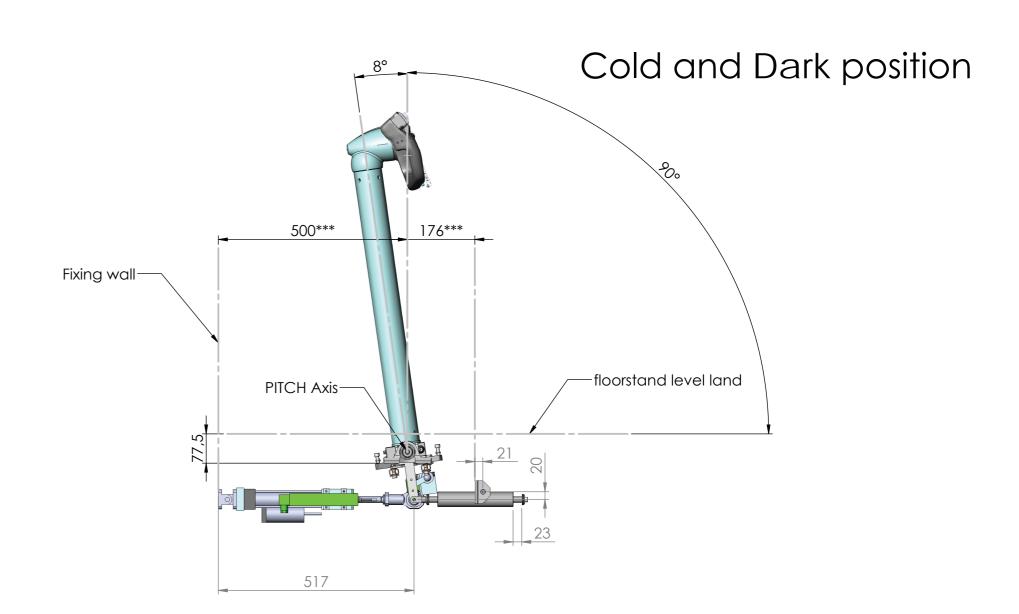


| Num.<br>articolo | Num. parte | Descrizione           | Materiale | Quantità |
|------------------|------------|-----------------------|-----------|----------|
| 1                | 219914_01  | gruppo verticale yoke | vario     | 2        |
| 2                | 219914_02  | asse orizzontale yoke | vario     | 1        |
| 3                | 219914-05  | ammortizzatore pitch  | vario     | 2        |

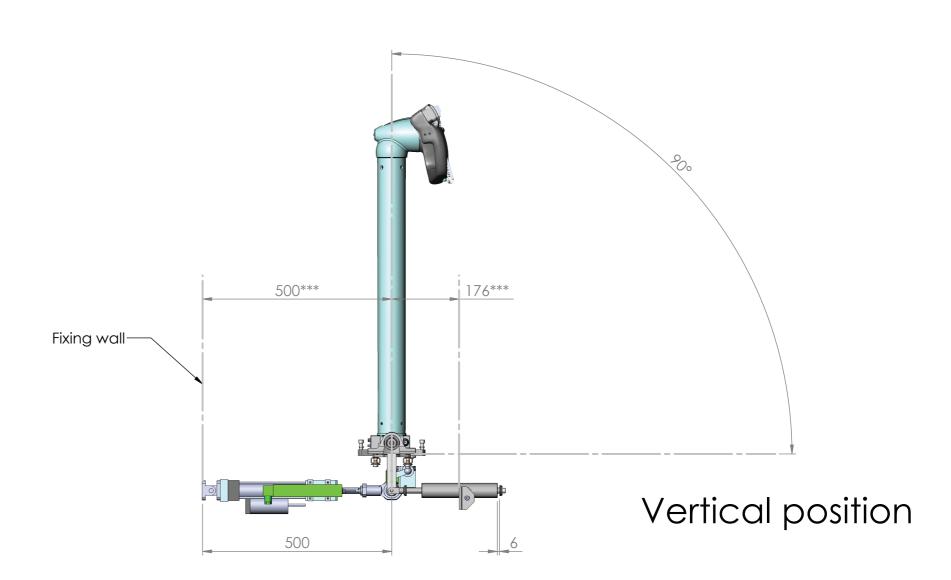
| 03                     |   |                                     |       |              |                  |      |     |     |                   |      |     |               |           |                   |     |  |   |
|------------------------|---|-------------------------------------|-------|--------------|------------------|------|-----|-----|-------------------|------|-----|---------------|-----------|-------------------|-----|--|---|
| 02                     |   |                                     |       |              |                  |      |     |     |                   |      |     |               |           |                   |     |  |   |
| 01                     |   |                                     |       |              |                  |      |     |     |                   |      |     |               |           |                   |     |  |   |
| REV.                   |   |                                     |       |              | DES              | SCR  | IZI | ONE |                   |      |     |               |           |                   | EM: | ISSIONE                                | APPROVATO                                   |
|                        | 200   | TOLLERANZE GEN<br>segnare con una c |       | -            |                  |      |     | •   |                   | ,    | RL  | JGOSITA' AMME | SA        | RIMUOVE<br>BAVE D |     | MATERIALE                              |   |
|                        | 360   | GRADO DI PRECISIONE GROSSOLANO      | ± 0,2 | 6-30<br>±0,5 | 30 - 120<br>±0,8 | ±1,2 |     | ±3  | 0 2000 - 40<br>±4 |      | 3,2 | 1,6           | 0,2       | LAVORAZI          | _   | TRATTAMENTO SUPERFICIALE               |   |
| Flight                 | Simulator Center                              | √ MEDIO  PRECISO                    | ± 0,1 |              | ±0,3             | ±0,5 | -   | -   | -                 | ±3   | Į   | UNI E         | N         | ISO 227           | 68  | PESO Kg                                |   |
|                        |   | TITOLO:                             | ,     | 1 - 5/2      | 1                |      | ,-  | ,-  |                   |      |     | N°            | DISEG     | iNO:              |     | SVILUPPO mm                            |   |
|                        | segno è di proprietà della<br>nal Show S.p.A. | Assieme                             | e NI  | EW           | YC               | OKI  | E u | niv | ers               | sale |     | 2             | 199       | 14-00             |     | QUANTITA'                              |   |
| Via Praim<br>35010 LIN | bole, 15<br>MENA (PD)                         | PROGETTO:                           |       |              |                  |      |     |     |                   |      |     | Prog          | ettista/D | esigner           |     | SE NON DIVERSAME<br>TUTTE LE PIEGHE SO |   |
|                        | 49.8657111<br>izione e divulgazione,          |                                     |       |              |                  |      |     |     |                   |      |     | L             | ıca       | Pranovi           |     | ALTEZZA SALDATURI                      | E 0,7 VOLTE LO SPESSORE MINIMO DEL MATERIAL |
| anche par              | ziale, è vietata ai sensi                     | SC SC                               | CALA  | 1            | :4               | F    | OGL | IO  | 1                 | Ĺ    |     | Data          | 27        | 7/09/2017         |     |  | A2  |
| delle norn             | ne vigenti.                                   | 7 0                                 |       |              |                  |      |     |     |                   |      |     |               |           | , , -             |     |  |   |



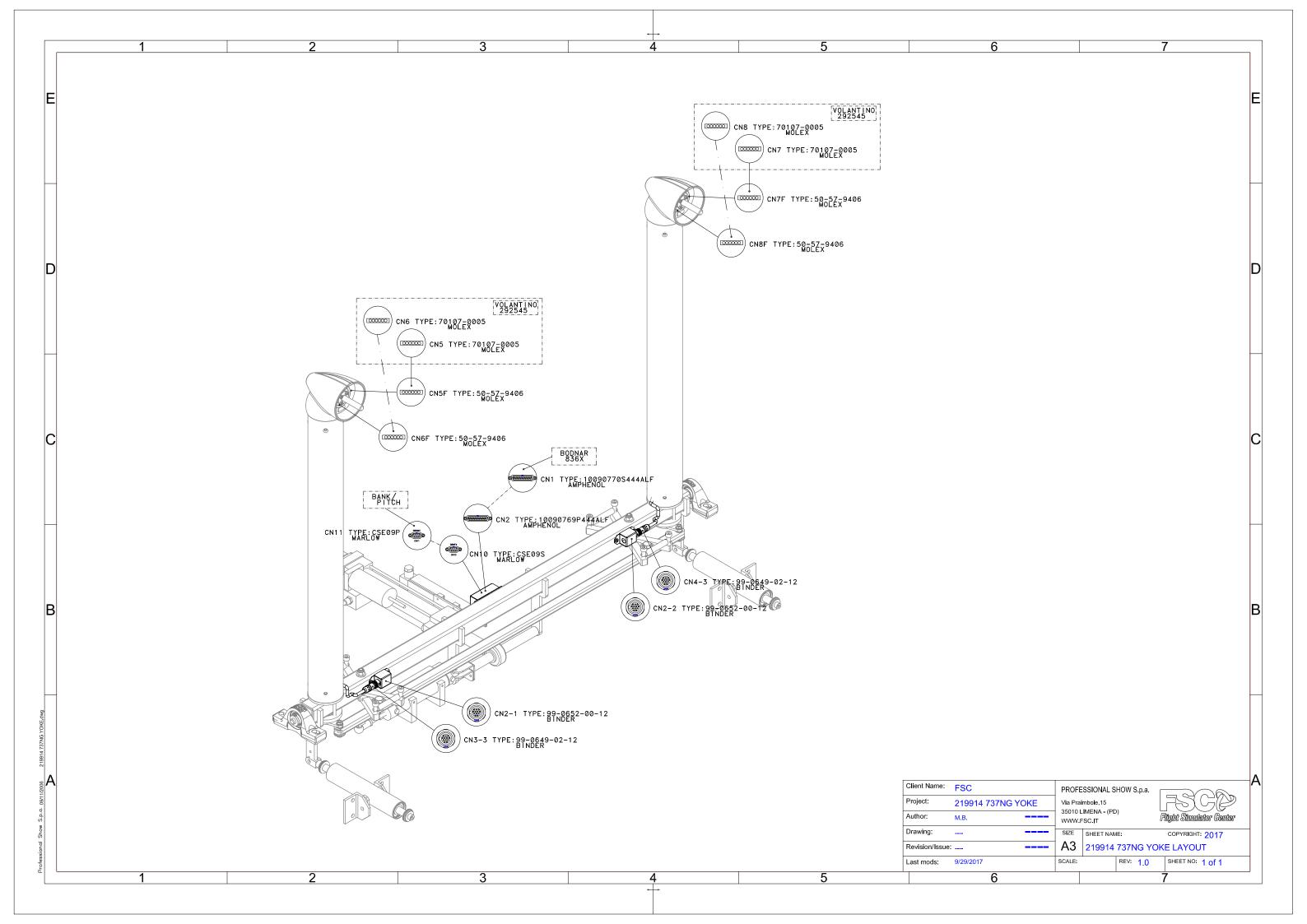


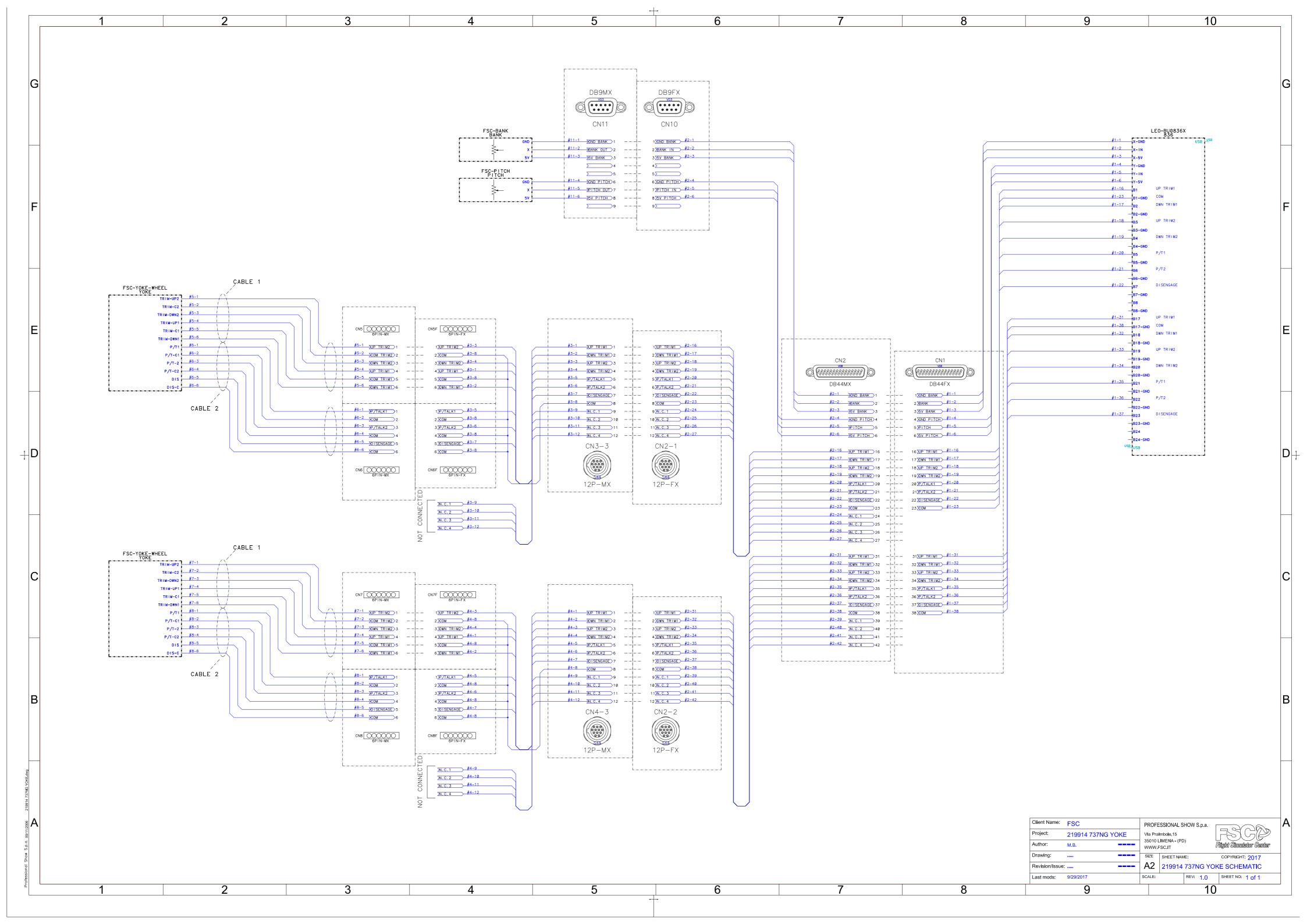


\*\*\* recommended distance



|   |   |   | DE  | SC  | RIZI  | ON   | E  |  |  |  |   |  | EMI  | SSIONE  | APPROVATO   |
|---|---|---|---|---|---|--|--|--|--|--|---|--|--|---|---|
| 200   |   |   | -   |   |   | •  |  | ,  |  |  |   |  | RE   | MATERIALE   |   |
|   |   |   |   |   |   |  |  | > 4000<br>±5   | 3,2  | 0,8  | <sup>0,2</sup> ∕  |  | NE   | TRATTAMENTO<br>SUPERFICIALE   |   |
| Simulator Center                            | √ MEDIO   | ± 0,1   |   | _   |   |  |  | ±3   | UN   | ΙEΝ  | N ISC   | 2276   | 58   | PESO Kg   |   |
|   | TITOLO:   | ±0,05   | ±0,1 ±0,1   | 15 ±1   | J,2 ±0,.  | 3 ±0   | 1,5 /  | /  |  |  |   |  |  | SVILUPPO mm   |   |
| egno è di proprietà della<br>al Show S.p.A. | Assie   | ne NE   | W Y   | ЭК  | Έu  | niv  | ersa   | ale  |  | 219  | 9914-   | -00  |  | QUANTITA'   |   |
| oole, 15<br>ENA (PD)                        | PROGETTO  | :   |   |   |   |  |  |  |  | Progettist   | ta/Designer   |  |  | SE NON DIVERSAME<br>TUTTE LE PIEGHE SO  |   |
| 9.8657111                                   |   |   |   |   |   |  |  |  |  | Luc  | ca Pra  | anovi  |  | ALTEZZA SALDATURE   | 0,7 VOLTE LO SPESSORE MINIMO DEL MATERIALE  |
| ziale, è vietata ai sensi                   |   | SCALA   | 1:1   | 0   | FOGI  | LIO  | 2  | )  |  | Data   | 27/09   | 9/2017   |  | -   | A2  |
| E   | egno è di proprietà della al Show S.p.A. ole, 15 ENA (PD) 9.8657111 tione e divulgazione, | TOLLERANZ segnare con GRADO DI PRECISO TITOLO:  ASSIE PROGETTO 9.8657111 tione e divulgazione, iale, è vietata ai sensi | TOLLERANZE GENERICHE segnare con una croce il g GRADO DI PRECISIONE  GROSSOLANO # 0,2  MEDIO # 0,1  PRECISO # 0,05  TITOLO:  ASSIENE NE PROGETTO:  PROGETTO:  SCALA | TOLLERANZE GENERICHE PER QUOTE  Segnare con una croce il grado di precisione  GRADO DI PRECISIONE  GROSSOLANO  4 0.2 40,5 40,7  MEDIO  PRECISO  PRECISO  PRECISO  PRECISO  ASSIENE NEW YO  PROGETTO:  PROGETTO:  SCALA  1.1 | TOLLERANZE GENERICHE PER QUOTE DI L'I segnare con una croce il grado di precisione in GRADO DI PRECISIONE 46 1-39 20-109 11 40,2 40,3 40 MEDIO ±0,1 ±0,2 ±0,3 ±0 PRECISO ±0,05 ±0,1 ±0,15 ±0 TITTOLO:  ASSIENE NEW YOK PROGETTO:  PROGETTO:  SCALA 1:10 | TOLLERANZE GENERICHE PER QUOTE DI LAVORAZI segnare con una croce il grado di precisione indicato i GRADO DI PRECISIONE 6 6 10 20 100 100 100 100 100 100 100 100 1 | TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( segnare con una croce il grado di precisione indicato per quo GRADO DI PRECISIONE (4 6-32 32-325 32-3 | TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( UNI 5307 Segnare con una croce il grado di precisione indicato per questo partici GRADO DI PRECISIONE 4 4 4 20 20 20 20 20 20 20 20 20 20 20 20 20 | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( UNI 5307-63 ) segnare con una croce il grado di precisione indicato per questo particolare GRADO DI PRECISIONE GROSSOLANO # 0.2 # 0.5 # 0.8 # 1.2 # 2 # 3 # 4 # 5  MEDIO # 0.1 # 0.2 # 0.3 # 0.5 # 0.8 # 1.2 # 2 # 3 # 4 # 5  PRECISO # 0.05 # 0.1 # 0.15 # 0.2 # 0.3 # 0.5   / /  TITOLO:  Assiene NEW YOKE universale  PROGETTO:  SCALA 1:10 FOGLIO 2 | TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE (UNI 5307-63 ) segnare con una croce il grado di precisione indicato per questo particolare GRADO DI PRECISIONE GROSSOLANO \$\delta_0.2  \dots_0.5  \do | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE (UNI 5307-63 ) segnare con una croce il grado di precisione indicato per questo particolare GRADO DI PRECISIONE  GROSSOLANO  ### 1.2 #2 #3 #4 #5    PRECISO #0.05 #0.1 #0.1 #0.2 #0.3 #0.5 #0.8 #1.2 #2 #3    PRECISO #0.05 #0.1 #0.15 #0.2 #0.3 #0.5 / /   UNI EN  TITOLO:  Assiene NEW YOKE universale  PROGETTO:  PROGETTO:  DESCRIZIONE  RUGOSTRA AMMESSA  ### 25 #2 #3 #4 #5  UNI EN  TITOLO:  Assiene NEW YOKE universale  PROGETTO:  Data | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE (UNI 5307-63)  segnare con una croce il grado di precisione indicato per questo particolare  GRADO DI PRECISIONE  GROSSOLANO # 0.2 # 0.5 # 0.8 # 1.2 # 2 # 3 # 4 # 4 # 5  MEDIO # 0.1 # 0.2 # 0.5 # 0.8 # 1.2 # 2 # 3 # 4 # 4 # 5  PRECISO # 0.05 # 0.1 # 0.15 # 0.2 # 0.3 # 0.5 / / / UNI EN ISO  TITOLO:  Assiene NEW YOKE universale  PROGETTO:  PROGETTO:  DESCRIZIONE  RUGOSITA' AMMESSA  GROSSOLANO # 0.2 # 0.5 # 0.8 # 1.2 # 2 # 3 # 4 # # 5  UNI EN ISO  1TOLO:  Assiene NEW YOKE universale  PROGETTO:  Progettisa/Designer  Luca Pra  27/00 | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( UNI 5307-63 ) MASSIMO GRADO DI Segnare con una croce il grado di precisione indicato per questo particolare GRADO DI PRECISIONE ( 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( UNI 5307-63 )  segnare con una croce il grado di precisione indicato per questo particolare  GRADO DI PRECISIONE  GROSSOLANO  ### 10,2 # 0,3 # 0,5 # 0,8 # 1,2 # 2 # 3 # 4 # 5  GROSSOLANO  ### MEDIO  ### ### ### ### ### ### ### ### ### # | DESCRIZIONE  TOLLERANZE GENERICHE PER QUOTE DI LAVORAZIONE ( UNI 5307-63 )  segnare con una croce il grado di precisione indicato per questo particolare  GRADO DI PRECISIONE  GROSSOLANO ± 0,2 ± 0,5 ± 0,8 ± 1,2 ± 2 ± 3 ± 4 ± 5  MEDIO ± 0,1 ± 0,2 ± 0,3 ± 0,5 ± 0,8 ± 1,2 ± 2 ± 3 ± 4 ± 5  PRECISO ± 0,05 ± 0,1 ± 0,1 ± 0,2 ± 0,3 ± 0,5 ± 0,8 ± 1,2 ± 2 ± 3  INV DI EN ISO 22768  PESO Kg  TITOLO:  Assiene NEW YOKE universale  PROGETTO:  DIAVORAZIONE  SVILUPPO mm  QUANTITA'  Ole, 15  EMISSIONE  N° DISEGNO:  SVILUPPO mm  QUANTITA'  DE NO DISEGNO:  Luca Pranovi  Data 27/09/2017 |





 CN11 TO POTENTIOMETER BANK/PITCH

 CN11 (DB9MX)
 NUMBER
 COLOR
 BANK
 PITCH

 PIN
 CABLE
 CABLE:1508ENH
 POTENTIOMETER
 POTENTIOMETER

 1
 #11-1
 BLACK
 > P1=GND

 2
 #11-2
 WHITE
 > P2=X

 3
 #11-3
 RED
 > P3=5V

 6
 #11-4
 BLACK
 >
 P1=GND

 7
 #11-5
 WHITE
 >
 P2=X

 8
 #11-6
 RED
 >
 P3=5V

|              | CIVITO BOL | NAR836X (2mt cat | ne ral | pe CAZUZSG) |                |
|--------------|------------|------------------|--------|-------------|----------------|
| CN1 (DB44FX) | NUMBER     | COLOR            |        | BOD         | NAR 836X       |
| PIN          | CABLE      | CABLE:CA2025G    |        | PINOUT      | FUNCTION       |
| 1            | #1-1       | BROWN            | >      | X-GND       |                |
| 2            | #1-2       | RED              | >      | X-IN        | POTENTIOMETE   |
| 3            | #1-3       | ORANGE           | >      | X-5V        | BANK           |
| 4            | #1-4       | YELLOW           | >      | Y-GND       |                |
| 5            | #1-5       | GREEN            | >      | Y-IN        | POTENTIOMETE   |
| 6            | #1-6       | BLUE             | >      | Y-5V        | PITCH          |
| 16           | #1-16      | VIOLET           | >      | B1          | UP TRIM 1-CPT  |
| 17           | #1-17      | GREY             | >      | B2          | DWN TRIM 1-CP  |
| 18           | #1-18      | WHITE            | >      | B3          | UP TRIM 2-CPT  |
| 19           | #1-19      | BLACK            | >      | B4          | DWN TRIM 2-CP  |
| 20           | #1-20      | BLACK/BROWN      | >      | B5          | P/TALK 1-CPT   |
| 21           | #1-21      | BLACK/RED        | >      | B6          | P/TALK 2-CPT   |
| 22           | #1-22      | BLACK/ORANGE     | >      | B7          | DISENGAGE-CP   |
| 23           | #1-23      | BLACK/YELLOW     | >      | B1-GND      | COM-GND-CPT    |
| 31           | #1-31      | BLACK/GREEN      | >      | B17         | UP TRIM 1-F/O  |
| 32           | #1-32      | BLACK/LIGHTBLUE  | >      | B18         | DWN TRIM 1-F/C |
| 33           | #1-33      | BLACK/PINK       | >      | B19         | UP TRIM 2-F/O  |
| 34           | #1-34      | BLACK/GREY       | >      | B20         | DWN TRIM 2-F/0 |
| 35           | #1-35      | GREEN/YELLOW     | >      | B21         | P/TALK 1-F/O   |
| 36           | #1-36      | LIGHTBLUE        | >      | B22         | P/TALK 2-F/O   |
| 37           | #1-37      | PINK             | >      | B23         | DISENGAGE-F/C  |
| 38           | #1-38      | WHITE ORANGE     | >      | B17-GND     | COM-GND-F/O    |

D

|               | PINOL  | JT YOKE CPT TO | O CN | 5/CN6            |                  |
|---------------|--------|----------------|------|------------------|------------------|
| YOKE CPT      | NUMBER | COLOR          |      | CN5              | CN6              |
| PIN           | CABLE  | CABLE          |      | 70107-0005 MOLEX | 70107-0005 MOLEX |
|               |        |                |      |                  |                  |
| UP TRIM 2     | #5-1   | BROWN          | >    | 1                |                  |
| COM TRIM 2    | #5-2   | RED            | >    | 2                |                  |
| DWN TRIM 2    | #5-3   | ORANGE         | >    | 3                |                  |
| UP TRIM 1     | #5-4   | YELLOW         | >    | 4                |                  |
| COM TRIM 1    | #5-5   | GREEN          | >    | 5                |                  |
| DWN TRIM 1    | #5-6   | BLUE           | >    | 6                |                  |
| P/TALK 1      | #6-1   | PURPLE         | >    |                  | 1                |
| COM P/TALK 1  | #6-2   | GREY           | >    |                  | 2                |
| P/TALK 2      | #6-3   | WHITE          | >    |                  | 3                |
| COM P/TALK 2  | #6-4   | LIGHT BLUE     | >    |                  | 4                |
| DISENGAGE     | #6-5   | RED            | >    |                  | 5                |
| COM DISENGAGE | #6-6   | BLACK          | >    |                  | 6                |
|               |        |                |      |                  |                  |

|               | PINOL         | JT YOKE F/O TO | CN. | 7/CN8            |                  |
|---------------|---------------|----------------|-----|------------------|------------------|
| YOKE F/O      | NUMBER        | COLOR          |     | CN7              | CN8              |
| PIN           | CABLE         | CABLE          |     | 70107-0005 MOLEX | 70107-0005 MOLEX |
|               |               |                |     |                  |                  |
| UP TRIM 2     | #7-1          | BROWN          | >   | 1                |                  |
| COM TRIM 2    | #7 <b>-</b> 2 | RED            | >   | 2                |                  |
| DWN TRIM 2    | #7 <b>-</b> 3 | ORANGE         | >   | 3                |                  |
| UP TRIM 1     | #7-4          | YELLOW         | >   | 4                |                  |
| COM TRIM 1    | #7-5          | GREEN          | >   | 5                |                  |
| DWN TRIM 1    | #7-6          | BLUE           | >   | 6                |                  |
| P/TALK 1      | #8-1          | PURPLE         | >   |                  | 1                |
| COM P/TALK 1  | #8-2          | GREY           | >   |                  | 2                |
| P/TALK 2      | #8-3          | WHITE          | >   |                  | 3                |
| COM P/TALK 2  | #8-4          | LIGHT BLUE     | >   |                  | 4                |
| DISENGAGE     | #8-5          | RED            | >   |                  | 5                |
| COM DISENGAGE | #8-6          | BLACK          | >   |                  | 6                |
|               |               |                |     |                  |                  |
|               |               |                |     | *                |                  |

| CN2 (DB44MX) |        |                | CN2 TO CN2-1/ | OIVZ- | 2/CIVIU      |                   |                   |
|--------------|--------|----------------|---------------|-------|--------------|-------------------|-------------------|
|              | NUMBER | COLOR          | COLOR         |       | CN10 (DB9FX) | CN2-1 (BINDER-FX) | CN2-2 (BINDER-FX) |
| PIN          | CABLE  | CABLE:9506BELD | CABLE:1508ENH |       | PIN          | PIN 99-0652-00-12 | PIN 99-0652-00-12 |
| 1            | #2-1   |                | BLACK         | >     | 1            |                   |                   |
| 2            | #2-2   |                | WHITE         | >     | 2            |                   |                   |
| 3            | #2-3   |                | RED           | >     | 3            |                   |                   |
| 4            | #2-4   |                | BLACK         | >     | 6            |                   |                   |
| 5            | #2-5   |                | WHITE         | >     | 7            |                   |                   |
| 6            | #2-6   |                | RED           | >     | 8            |                   |                   |
| 16           | #2-16  | BROWN          |               | >     |              | A                 |                   |
| 17           | #2-17  | BLACK/BROWN    |               | >     |              | В                 |                   |
| 18           | #2-18  | RED            |               | >     |              | С                 |                   |
| 19           | #2-19  | BLACK/RED      |               | >     |              | D                 |                   |
| 20           | #2-20  | WHITE          |               | >     |              | E                 |                   |
| 21           | #2-21  | BLACK/WHITE    |               | >     |              | F                 |                   |
| 22           | #2-22  | YELLOW         |               | >     |              | G                 |                   |
| 23           | #2-23  | BLACK/YELLOW   |               | >     |              | Н                 |                   |
| 24           | #2-24  | GREEN          |               | >     |              | J                 |                   |
| 25           | #2-25  | BLACK/GREEN    |               | >     |              | K                 |                   |
| 26           | #2-26  | BLUE           |               | >     |              | L                 |                   |
| 27           | #2-27  | BLACK/BLUE     |               | >     |              | M                 |                   |
| 31           | #2-31  | BROWN          |               | >     |              |                   | Α                 |
| 32           | #2-32  | BLACK/BROWN    |               | >     |              |                   | В                 |
| 33           | #2-33  | RED            |               | >     |              |                   | С                 |
| 34           | #2-34  | BLACK/RED      |               | >     |              |                   | D                 |
| 35           | #2-35  | WHITE          |               | >     |              |                   | E                 |
| 36           | #2-36  | BLACK/WHITE    |               | >     |              |                   | F                 |
| 37           | #2-37  | YELLOW         |               | >     |              |                   | G                 |
| 38           | #2-38  | BLACK/YELLOW   |               | >     |              |                   | Н                 |
| 39           | #2-39  | GREEN          |               | >     |              |                   | J                 |
| 40           | #2-40  | BLACK/GREEN    |               | >     |              |                   | K                 |
| 41           | #2-41  | BLUE           |               | >     |              |                   | L                 |
| 42           | #2-42  | BLACK/BLUE     |               | >     |              |                   | M                 |

|                   |        | PINO           | UT ( | CN3-3 TO CN5F/0  | CN6F             |            |               |
|-------------------|--------|----------------|------|------------------|------------------|------------|---------------|
| CN3-3 (BINDER-MX) | NUMBER | COLOR          |      | CN5F             | CN6F             | FUNCTION   | PINOUT BODNAR |
| PIN 99-0649-02-12 | CABLE  | CABLE:9506BELD |      | 50-57-9406 MOLEX | 50-57-9406 MOLEX |            |               |
| A                 | #3-1   | BROWN          | >    | 4                |                  | UP TRIM 1  | B1            |
| В                 | #3-2   | BLACK/BROWN    | >    | 6                |                  | DWN TRIM 1 | B2            |
| С                 | #3-3   | RED            | >    | 1                |                  | UP TRIM 2  | B3            |
| D                 | #3-4   | BLACK/RED      | >    | 3                |                  | DWN TRIM 2 | B4            |
| E                 | #3-5   | WHITE          | >    |                  | 1                | P/TALK 1   | B5            |
| F                 | #3-6   | BLACK/WHITE    | >    |                  | 3                | P/TALK 2   | B6            |
| G                 | #3-7   | YELLOW         | >    |                  | 5                | DISENGAGE  | B7            |
| Н                 | #3-8   | BLACK/YELLOW   | >    | 2 - 5            | 2 - 4 - 6        | COM        |               |
| J                 | #3-9   | GREEN          | >    |                  |                  |            |               |
| К                 | #3-10  | BLACK/GREEN    | >    |                  |                  |            |               |
| L                 | #3-11  | BLUE           | >    |                  |                  |            |               |
| М                 | #3-12  | BLACK/BLUE     | >    |                  |                  |            |               |
|                   |        |                |      |                  |                  |            |               |

|                   |        | PINO           | UT ( | CN4-3 TO CN7F/   | CN8F             |            |               |
|-------------------|--------|----------------|------|------------------|------------------|------------|---------------|
| CN4-3 (BINDER-MX) | NUMBER | COLOR          |      | CN7F             | CN8F             |            |               |
| PIN 99-0649-02-12 | CABLE  | CABLE:9506BELD |      | 50-57-9406 MOLEX | 50-57-9406 MOLEX | FUNCTION   | PINOUT BODNAR |
| A                 | #4-1   | BROWN          | >    | 4                |                  |            |               |
| B                 | #4-2   | BLACK/BROWN    | >    | 6                |                  | UP TRIM 1  | B17           |
| C                 | #4-3   | RED            | >    | 1                |                  | DWN TRIM 1 | B18           |
| D                 | #4-4   | BLACK/RED      | >    | 3                |                  | UP TRIM 2  | B19           |
| E                 | #4-5   | WHITE          | >    |                  | 1                | DWN TRIM 2 | B20           |
| F                 | #4-6   | BLACK/WHITE    | >    |                  | 3                | P/TALK 1   | B21           |
| G                 | #4-7   | YELLOW         | >    |                  | 5                | P/TALK 2   | B22           |
| Н                 | #4-8   | BLACK/YELLOW   | >    | 2 - 5            | 2 - 4 - 6        | DISENGAGE  | B23           |
| J                 | #4-9   | GREEN          | >    |                  |                  | COM        |               |
| К                 | #4-10  | BLACK/GREEN    | >    |                  |                  |            |               |
| L                 | #4-11  | BLUE           | >    |                  |                  |            |               |
| M                 | #4-12  | BLACK/BLUE     | >    |                  |                  |            |               |
|                   |        |                |      |                  |                  |            |               |

| Client Name:    | FSC         |        | P      |
|-----------------|-------------|--------|--------|
| Project:        | 219914 7371 | NGYOKE | V      |
| Author:         | M.B.        |        | 3<br>W |
| Drawing:        |             |        | s      |
| Revision/Issue: |             |        | F      |
| Last mods:      | 9/29/2017   |        | sc     |

PROFESSIONAL SHOW S.p.a. Via Praimbole,15 35010 LIMENA - (PD) WWW.FSC.IT



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A3 219914 737NGYOKE TABLE

mods: 9/29/2017 SCALE: REV: 1.0 SHEET NO: 1 of 1