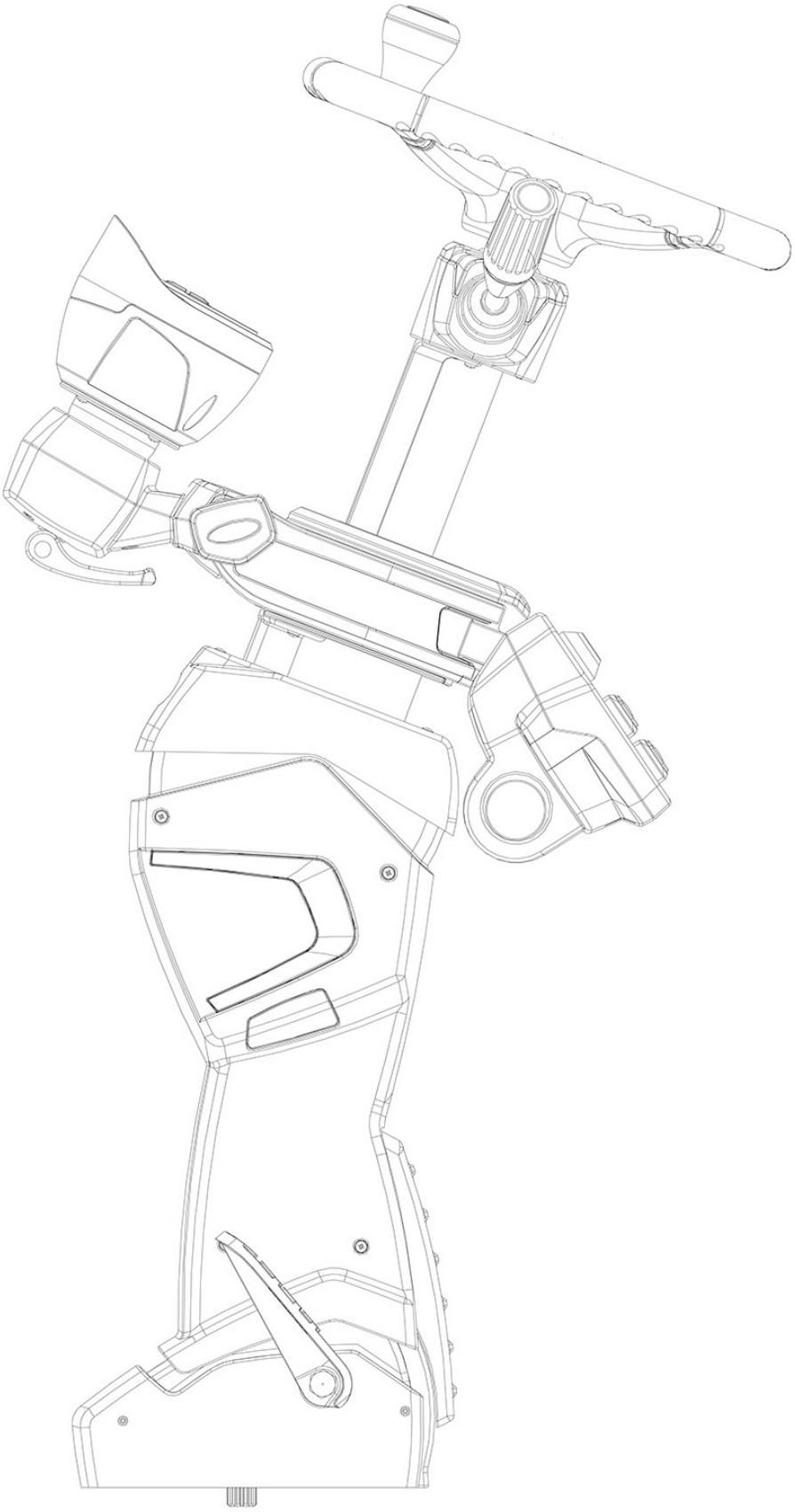


Steering column systems

Injection plastic covers

EU SAFETY & QUALITY STANDARD
CUSTOMISED ASSEMBLY
ITALIAN DESIGN
OPERATOR COMFORT



Steering column systems

Injection plastic covers



DYNAMICA
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J-Cluster
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NIMBUS
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D100TFT
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SMARTVIEW
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SLIMTITAN
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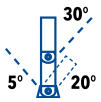
STEERINGVIEW
pag. 34



KEYCAN
pag. 34

DYNAMICA

MPR





metal pillar	tilt	75 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

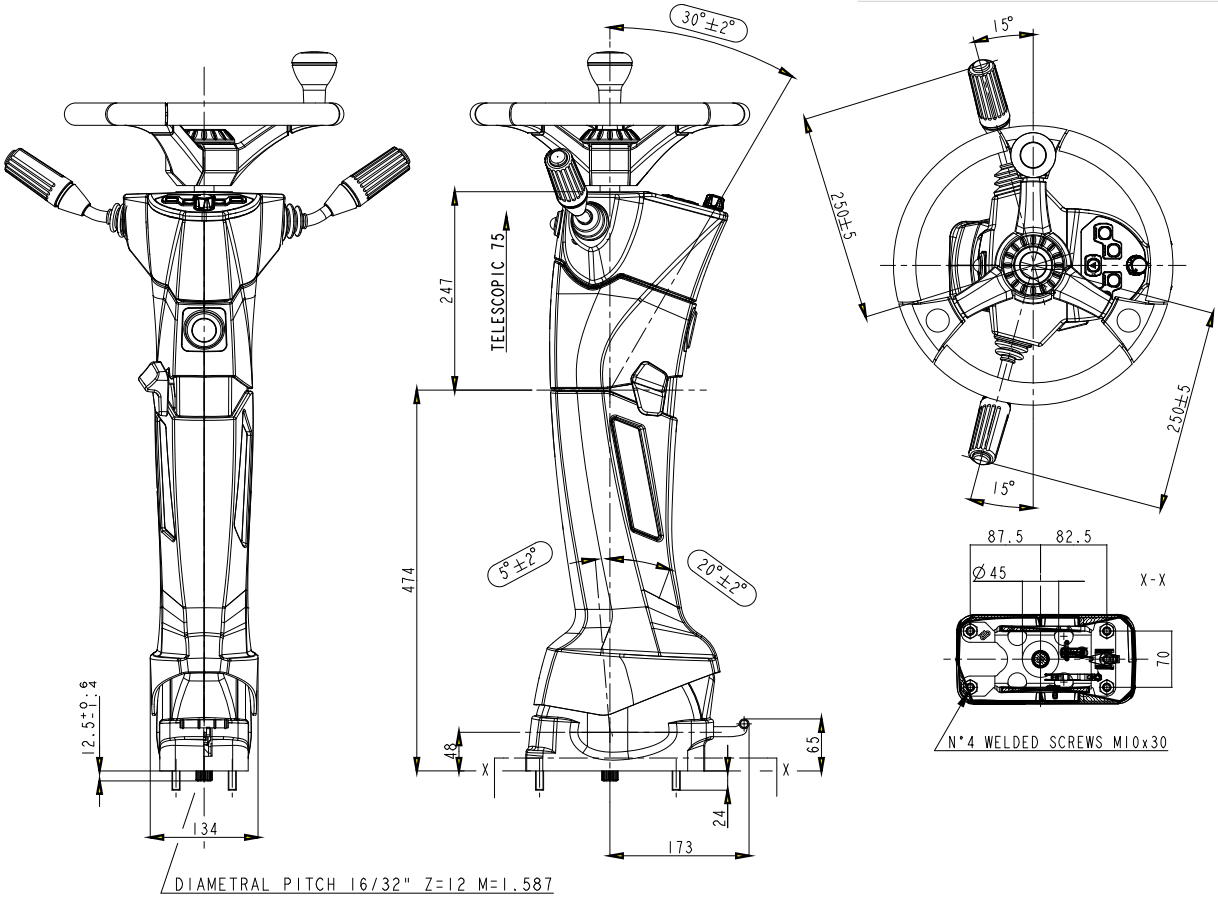
- Injection plastic covers: RAL7015 or RAL9005
- Panel with canbus keypad with 5 pushbuttons: hazard function and 4 functions switches customizable or with 2 rocker switches (see page 8)
- Accomodation stalk switches on LH and/or RH side
- CANBUS plug and play in version with canbus keypad
- Wiring harness (standard or customized)
- Customizable logo with or without backlight (see page 9)
- Option solar light sensor for automatic lighting (see page 9)

DUAL TILT ADJUSTMENT

- Upper pivot, located at mid column lenght, operated push lever on left side (30° toward operator)
- Lower pivot, located at the base of the column, operated by a dedicated pedal (5° toward windshield and 20° toward operator)
- Possibility to choice pedal position: left, central or right side
- Both tilt adjustment are gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by center cap on steering wheel



DYNAMICA Short

MPR

metal pillar	tilt	75 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

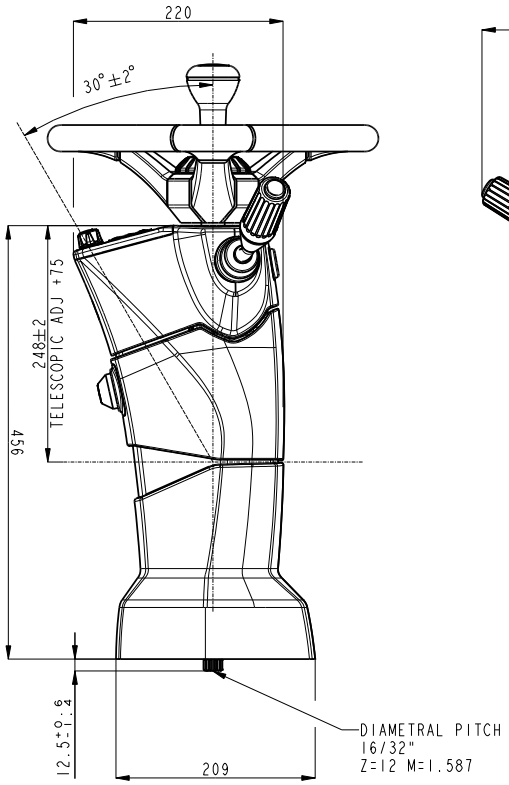
- Injection plastic covers: RAL7015 or RAL9005
- Panel with canbus keypad with 5 pushbuttons: hazard function and 4 functions switches customizable or with 2 rocker switches (see page 8)
- Accomodation stalk switches on LH and/or RH side
- CANBUS plug and play in version with canbus keypad
- Wiring harness (standard or customized)
- Option solar light sensor for automatic lighting (see page 9)

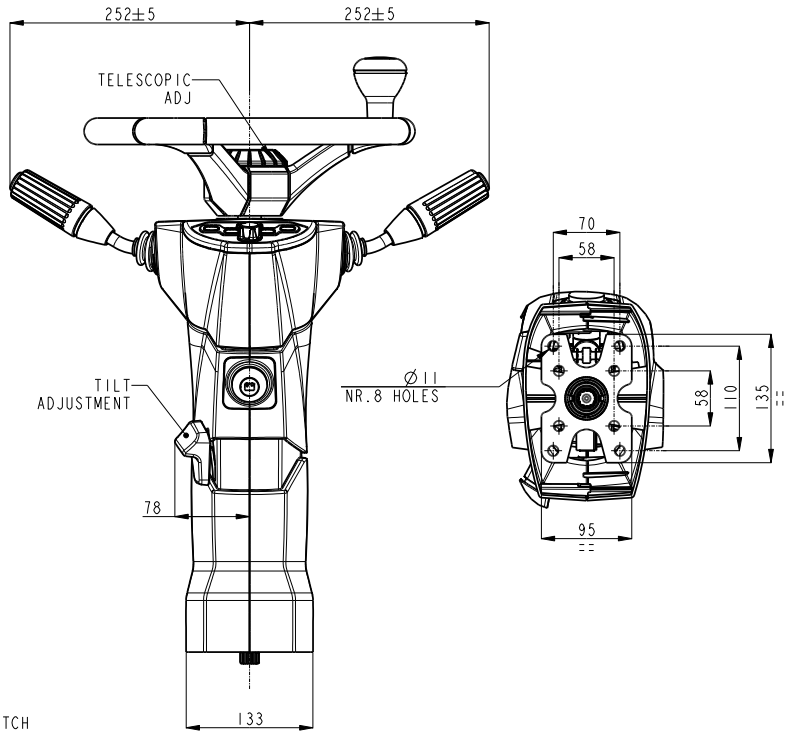
DUAL TILT ADJUSTMENT

- Upper pivot, located at mid column lenght, operated push lever on left side (30° toward operator)
- Tilt adjustment is gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by center cap on steering wheel





DYNAMICA option

FRONT PANEL



Small control panel with serial communication (Can Bus) where 5 control buttons are integrated, 4 of which can be configured as a function symbol, LED color and for software functionality. Aesthetic design of the buttons allows them to be used inside the cab with Keycan product. (see page 34)



Second scenario with 2 rocker switches.

CLUSTER



First scenario with cluster D100TFT (see page 33 for technical features).



Second scenario with cluster Nimbus (see page 33 for technical features).

DYNAMICA option

SOLAR LIGHT SENSOR



Possibility of inserting a sunlight sensor for automatic activation of street lights.

RIGHT PANEL



On the right side possibility to have 3 different configurations:

1. Without components
2. With steering column switches or FNR lever
3. With key ignition switch and/or emergency stop pushbutton

CUSTOMER LOGO



The side finishes placed in the lower part of the column can be customized with the customer logo and can also be backlit.

LOWER TILTING PEDAL







On request, the pedal can be positioned on the right side, left or in a central position.

CLVIEW

MPR

metal pillar	tilt	75 mm







COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

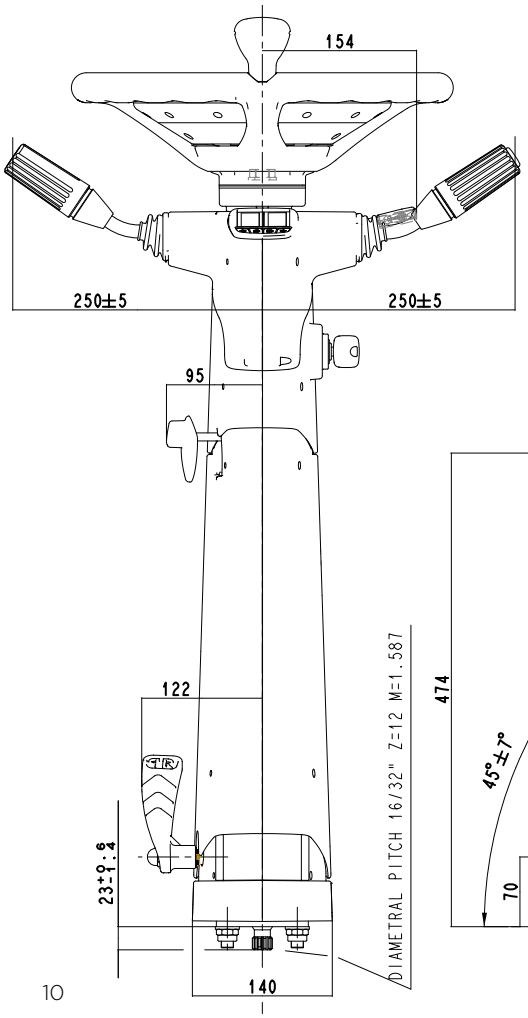
- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Panel with 2 rocker switches and 4 leds indicator lights
- Accomodation stalk switches on LH and/or RH side
- Dedicated steering wheel + Display 7" (page 34)
- Wiring harness (standard or customized)

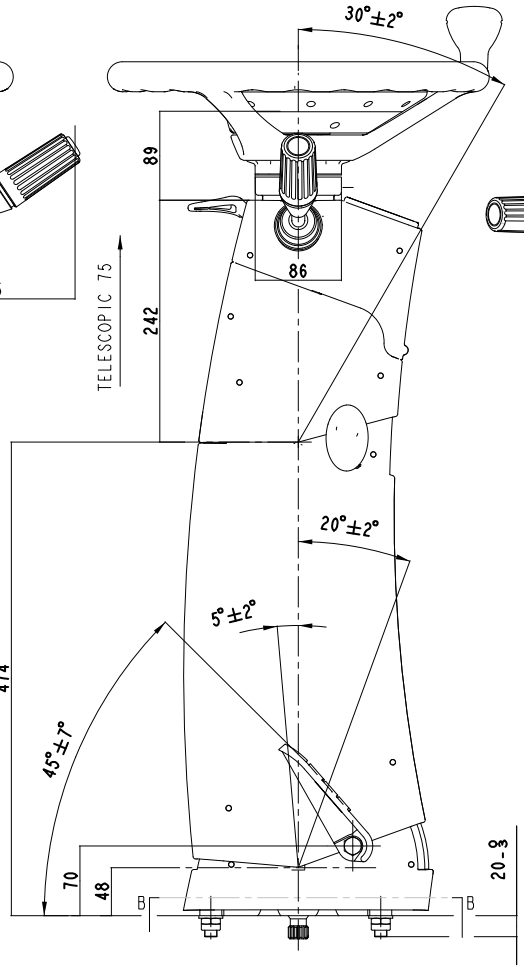
DUAL TILT ADJUSTMENT

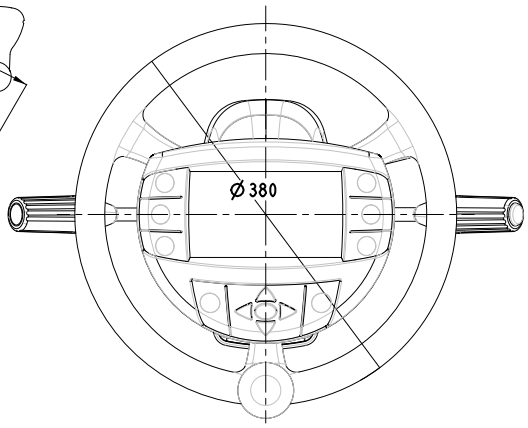
- Upper pivot , located at mid column lenght, operated push lever on left side (30° toward operator)
- Lower pivot located at the base of the column, operated by a dedicated pedal on left side (5° toward windshield and 20° toward operator)
- Both tilt adjustment are gas strut assisted

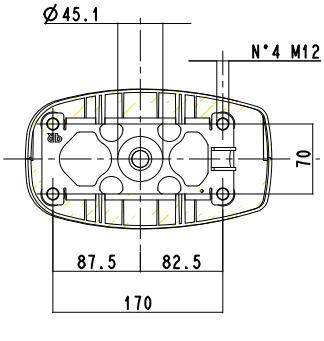
TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by dedicated pull lever located under-near the steering wheel







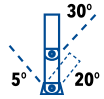


SECTION B-B

CLVIEW Short and Medium

MPR

metal pillar



tilt



75 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

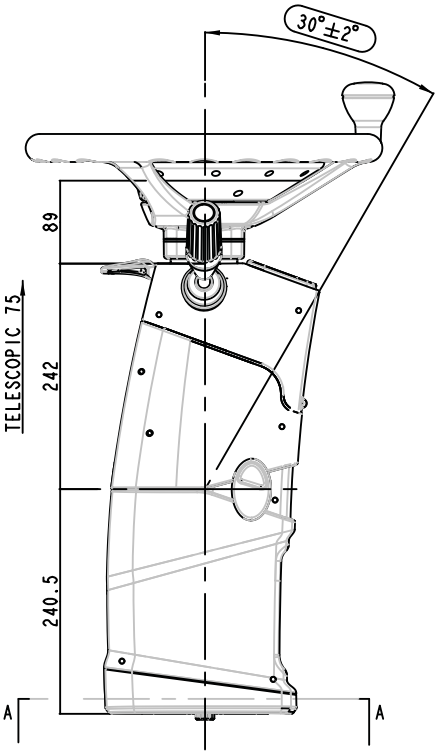
- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Panel with 2 rocker switches and 4 led indicator lights
- Accomodation stalk switches on LH and/or RH side
- Dedicated steering wheel + Display 7" (page 34)
- Wiring harness (standard or customized)

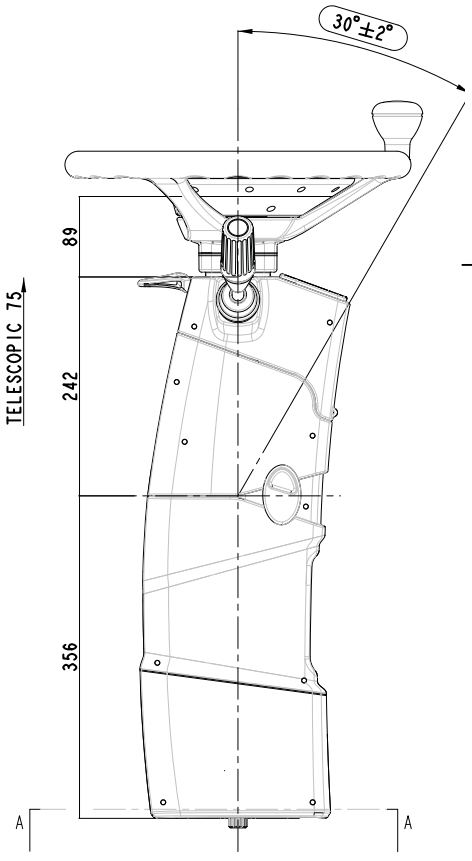
SINGLE TILT ADJUSTMENT

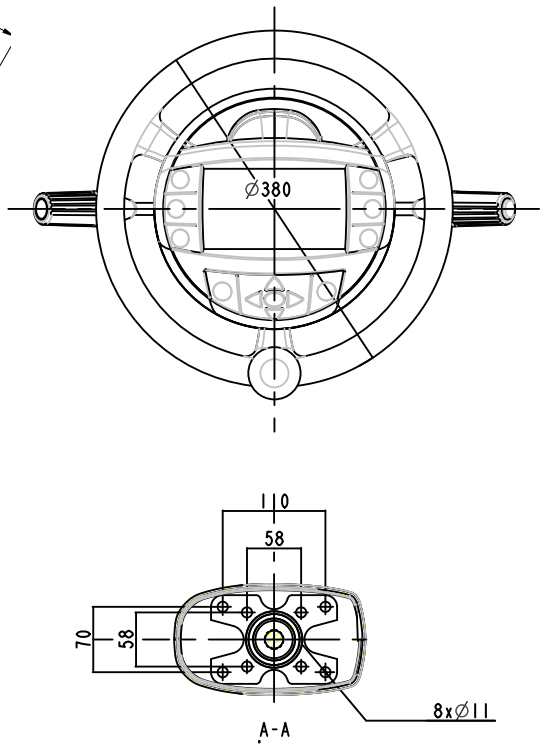
- Located at mid column lenght, operated by push lever on left side (30° toward operator)
- Adjustment are gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by dedicated pull lever located under-near the steering wheel

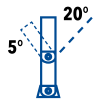






CL501

BCH





metal pillar	tilt	60 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

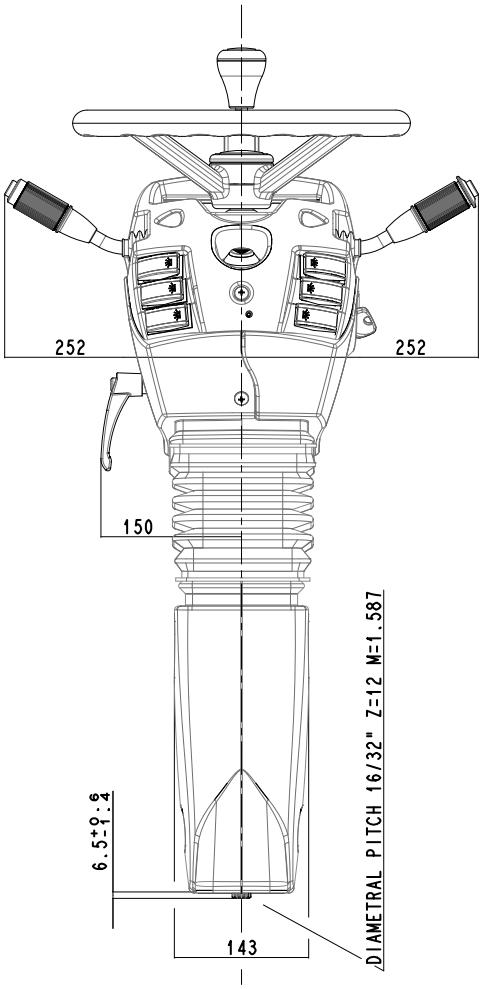
- Top side thermoformed plastic covers and bottom side injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for Slim Titan display 7" (page 34)
- Panel with 6 rocker switches and 1 hazard switch
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

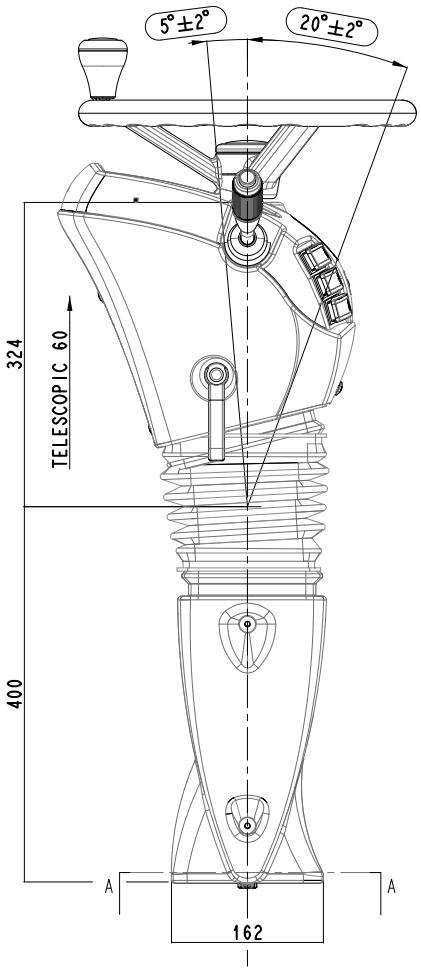
SINGLE TILT ADJUSTMENT

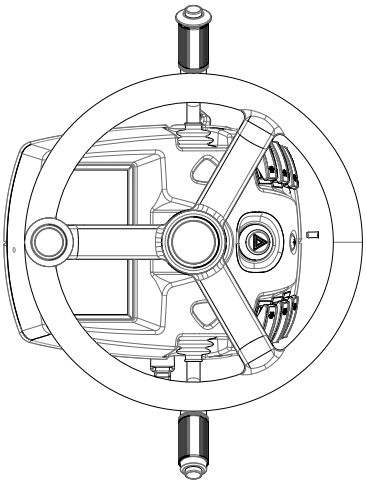
Upper pivot , located at mid column lenght, operated by handle lever on left side (5° toward windshield 20° toward operator)

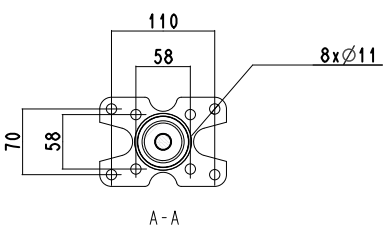
TELESCOPIC ADJUSTMENT

- Located onto upper section (60 mm)
- Operated by handle lever on left side



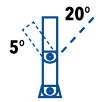






CL501 Short

BCH





metal pillar	tilt	60 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

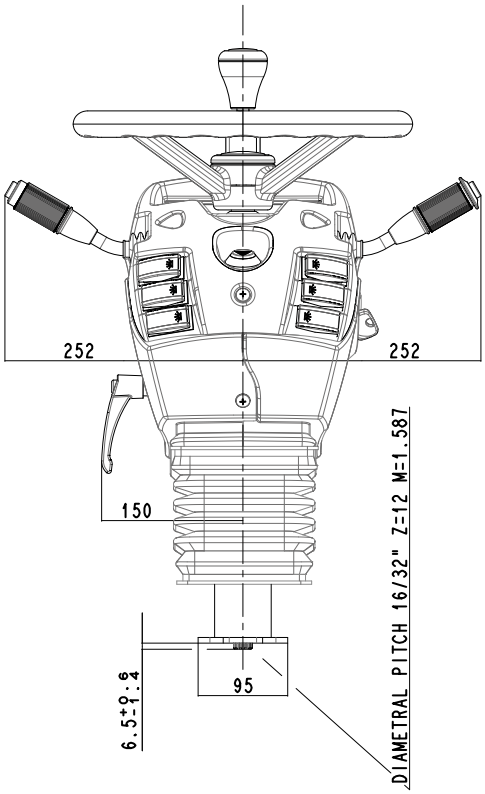
- Top side thermoformed plastic covers and bottom side injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for Slim Titan display 7" (page 34)
- Panel with 6 rocker switches and 1 hazard switch
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

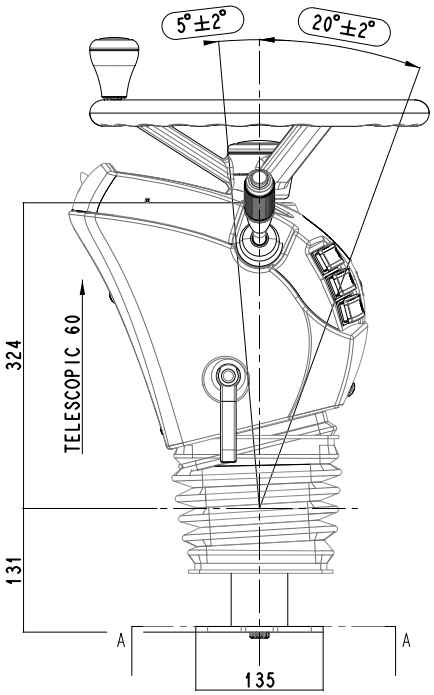
DUAL TILT ADJUSTMENT

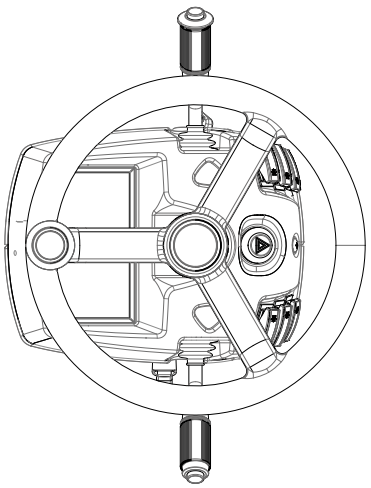
Upper pivot , located at mid column lenght, operated handle lever on left side (5° toward windshield 20° toward operator)

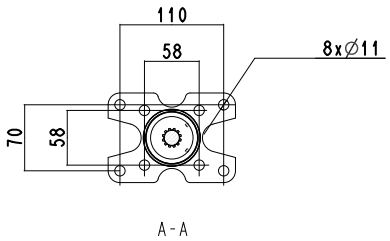
TELESCOPIC ADJUSTMENT

- Located onto upper section (60 mm)
- Operated by handle lever on left side



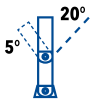






CL701

BCH





metal pillar	tilt	60 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

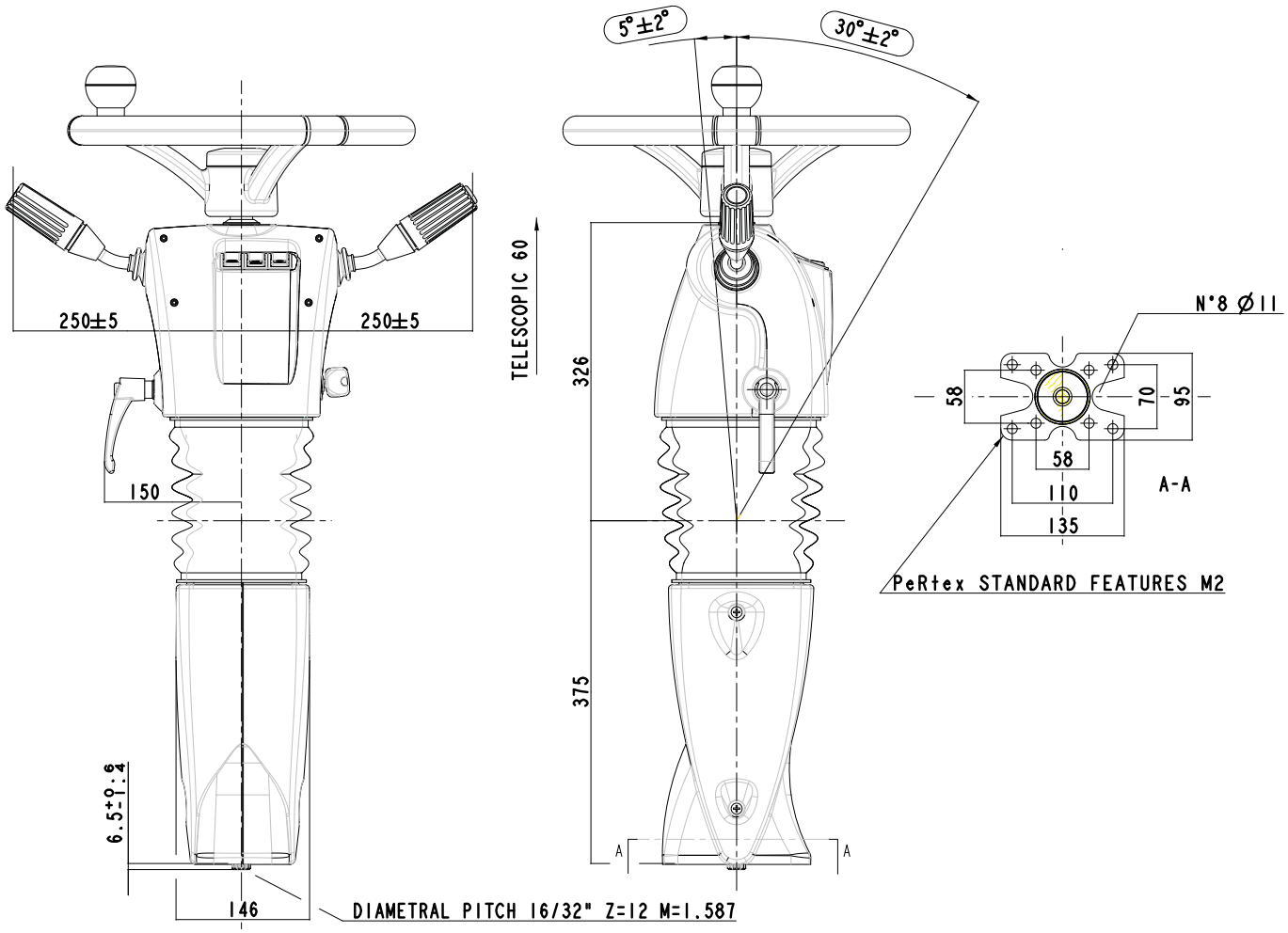
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for emergency stop push button
- Panel with 3 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

SINGLE TILT ADJUSTMENT

Upper pivot , located at mid column lenght, operated by handle lever on left side (5° toward windshield 20° toward operator)

TELESCOPIC ADJUSTMENT

- Located onto upper section (60 mm)
- Operated by handle lever on left side



CL701 Short

BCH

metal pillar	tilt	60 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

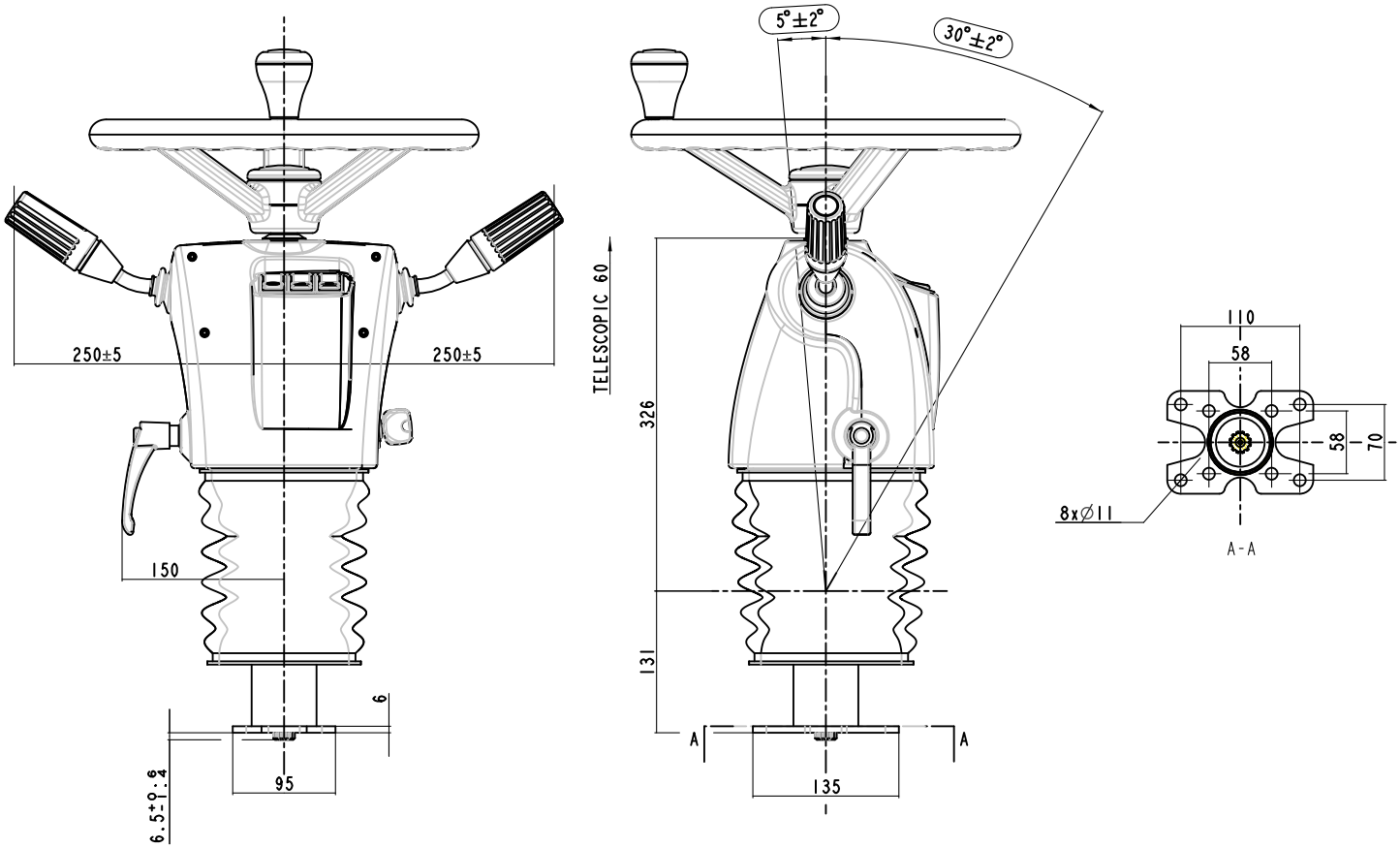
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for emergency stop push button
- Panel with 3 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

SINGLE TILT ADJUSTMENT

Operated by handle lever on left side
(5° toward windshield 30° toward operator)

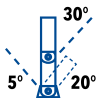
TELESCOPIC ADJUSTMENT

- Located onto upper section (60 mm)
- Operated by handle lever on left side



CL2100

MPR





metal pillar	tilt	75 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

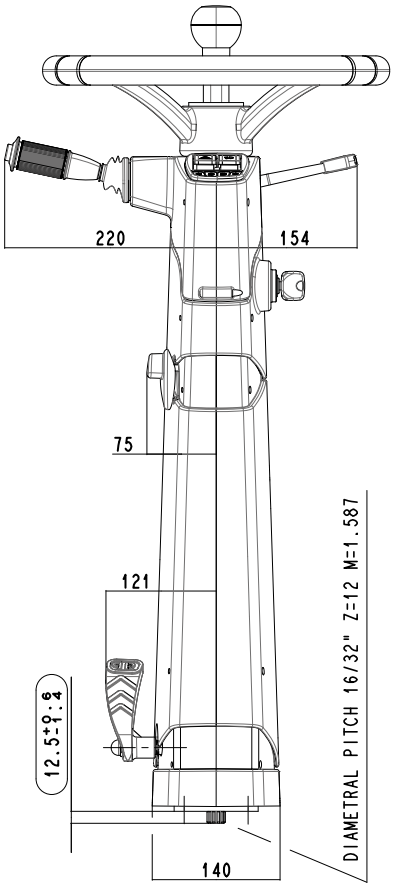
- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Panel with 2 rocker switches and 4 led indicator lights
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

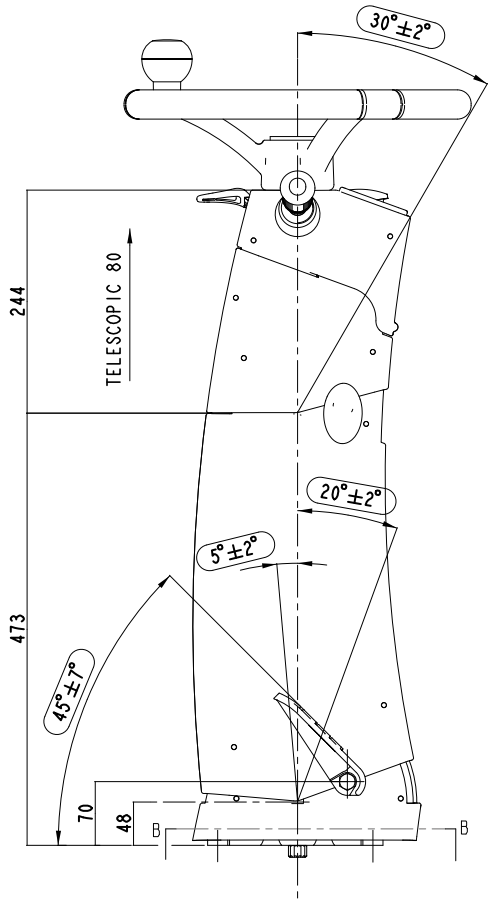
DUAL TILT ADJUSTMENT

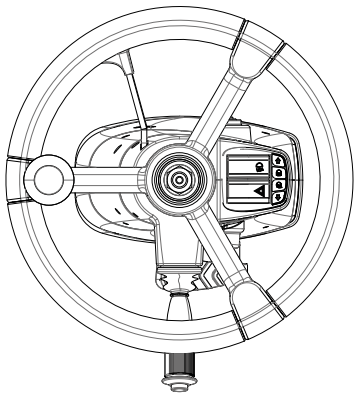
- Upper pivot , located at mid column lenght, operated by push lever on left side (30° toward operator)
- Lower pivot located at the base of the column, operated by a dedicated pedal on left side (5° toward windshield and 20° toward operator)
- Both tilt adjustment are gas strut assisted

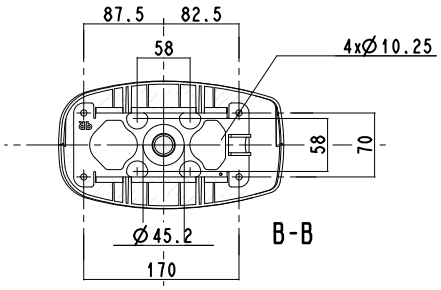
TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by dedicated pull lever located under-near the steering wheel



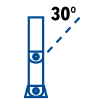






CL2100 Short and Medium

MPR





metal pillar	tilt	75 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Panel with 2 rocker switches and 4 led indicator lights
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

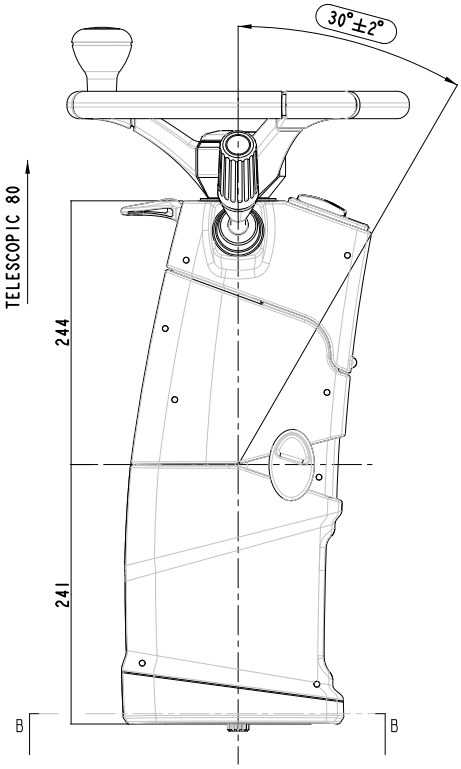
SINGLE TILT ADJUSTMENT

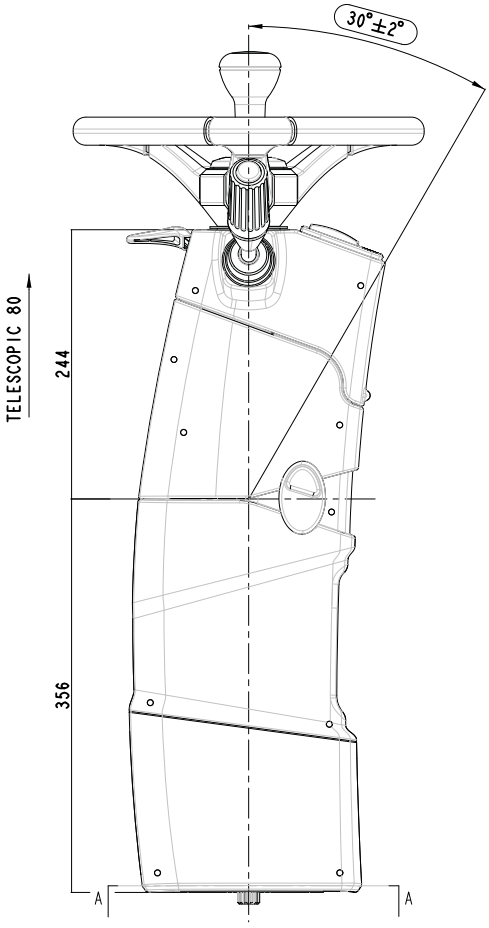
- Located at mid column lenght, operated by push lever on left side (30° toward operator)
- Adjustment are gas strut assisted

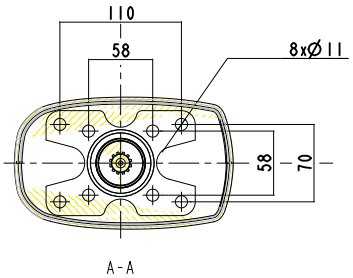
TELESCOPIC ADJUSTMENT

- Located onto upper section (75 mm)
- Operated by dedicated pull lever located under-near the steering wheel









CL2300-I

CBK

metal pillar	tilt	50 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

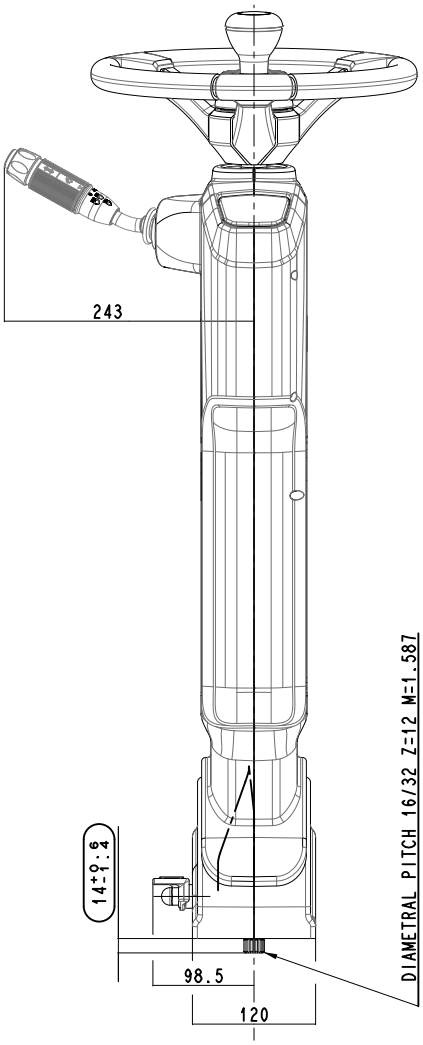
- Injection plastic covers: RAL9004 or RAL7016
- Panel with 1 rocker switch
- Accomodation stalk switches on LH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

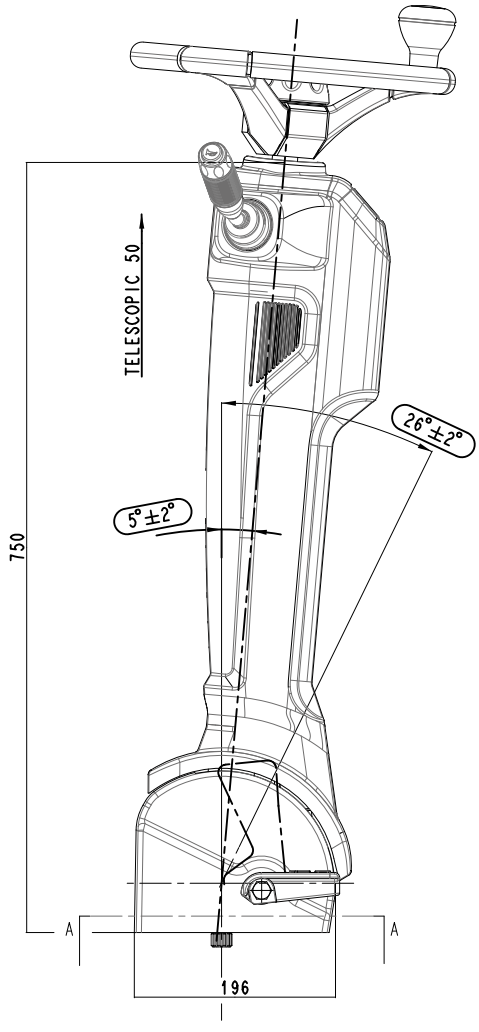
SINGLE TILT ADJUSTMENT

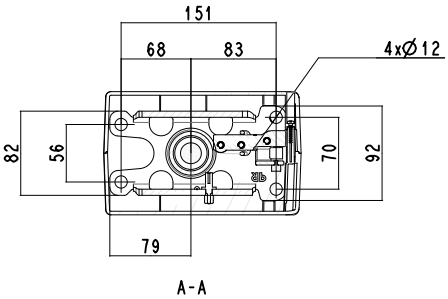
- Pivot located at the base of the column, operated by a dedicated pedal on left side (5°+21° toward operator)
- Tilt adjustment is gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (50 mm)
- Operated by center cap on steering wheel







CL2300-I MCD

CBK

metal pillar



tilt



50 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

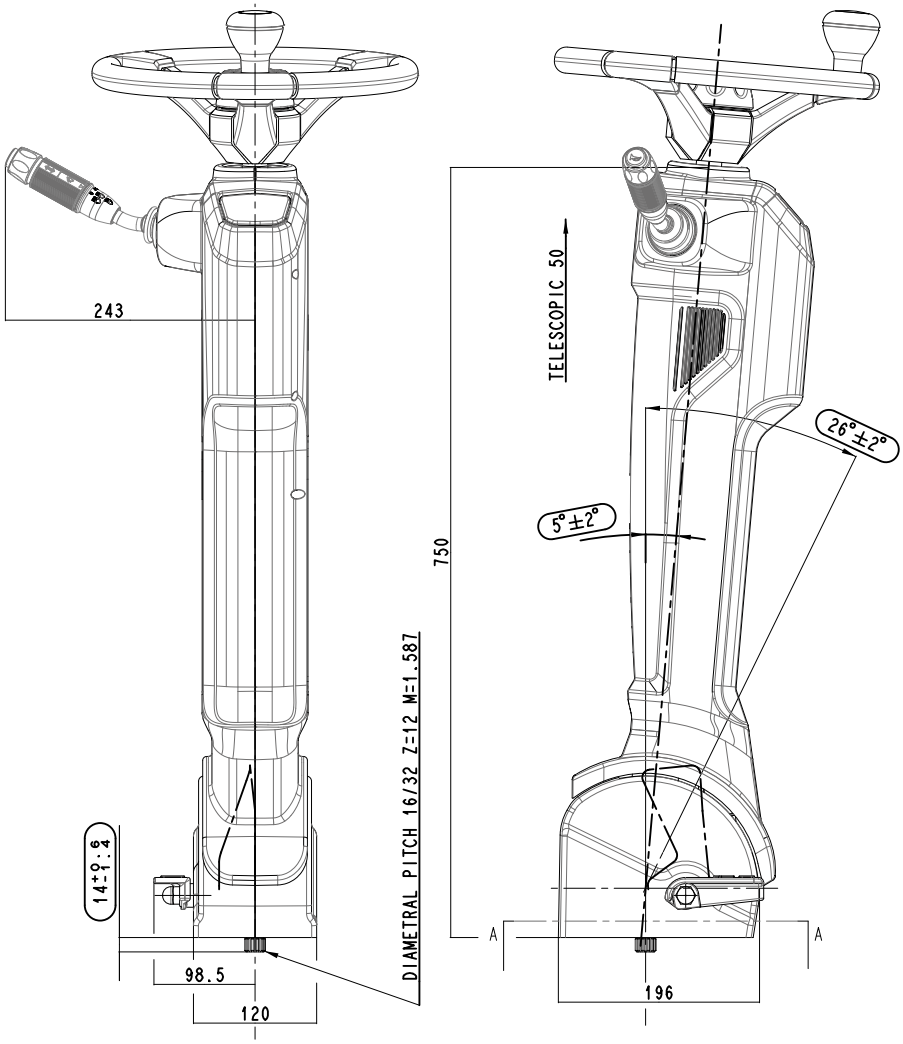
- Injection plastic covers: RAL9004 or RAL7016
- Panel with 2 keycan or warning lights module and keycan or Smart-View cluster
- Accomodation stalk switches on LH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

SINGLE TILT ADJUSTMENT

- Pivot located at the base of the column, operated by a dedicated pedal on left side (5°+21° toward operator)
- Tilt adjustment is gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (50 mm)
- Operated by center cap on steering wheel





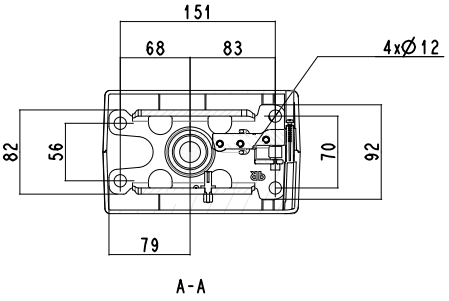
Keycan + Keycan



Warning Lights Module + Keycan



Smartview



CL2350

CBK

metal pillar

tilt



80 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

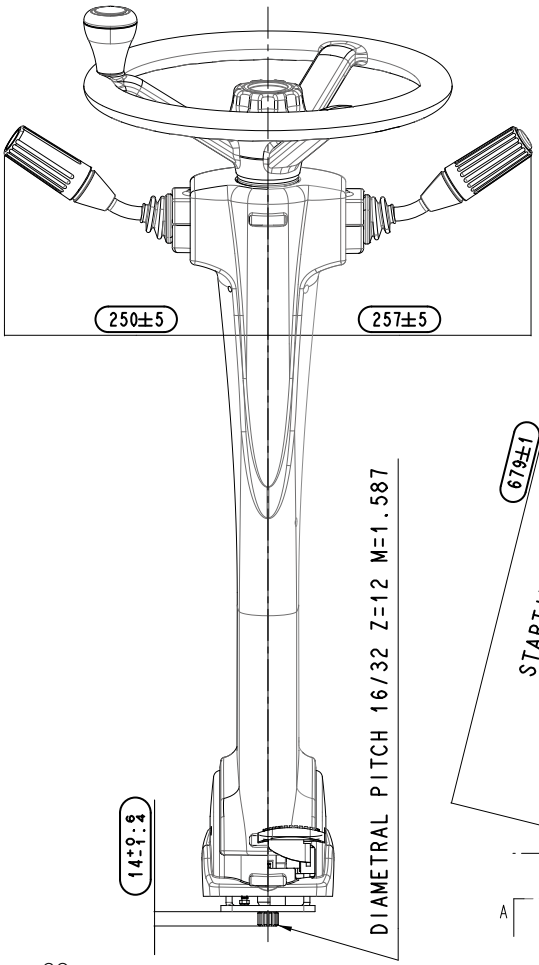
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation stalk switches on LH and/or RH sides
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

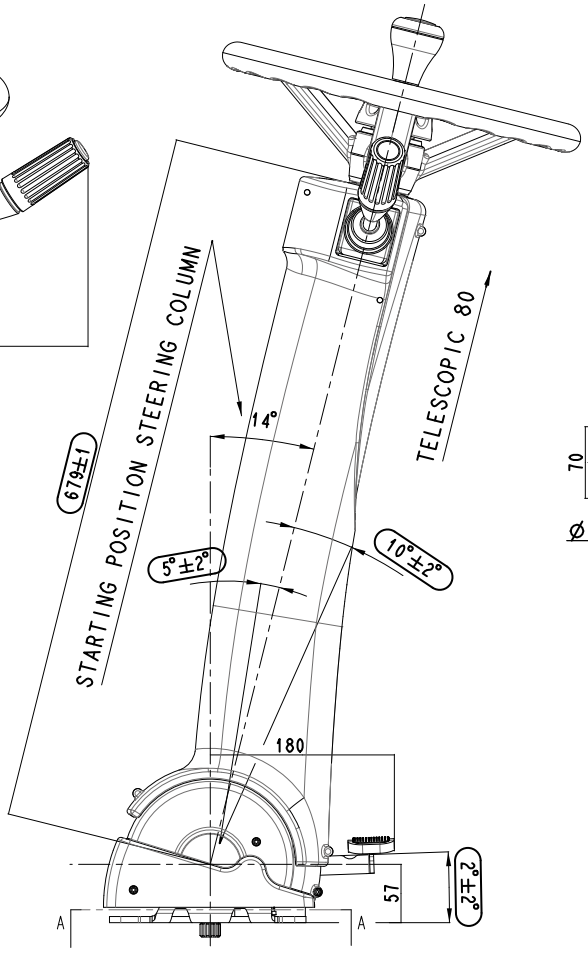
SINGLE TILT ADJUSTMENT

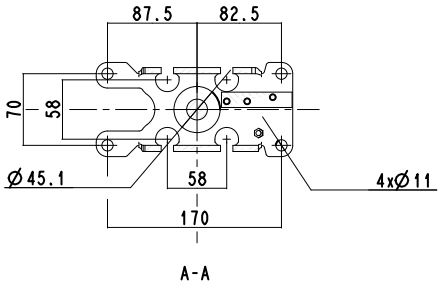
- Pivot located at the base of the column, operated by a dedicated pedal in central position (start position 14°, move 5° toward windshield and 10° toward operator)
- Adjustment are gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (80 mm)
- Operated by center cap on steering wheel

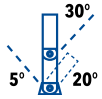






CL4000

MPR





metal pillar	tilt	50 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

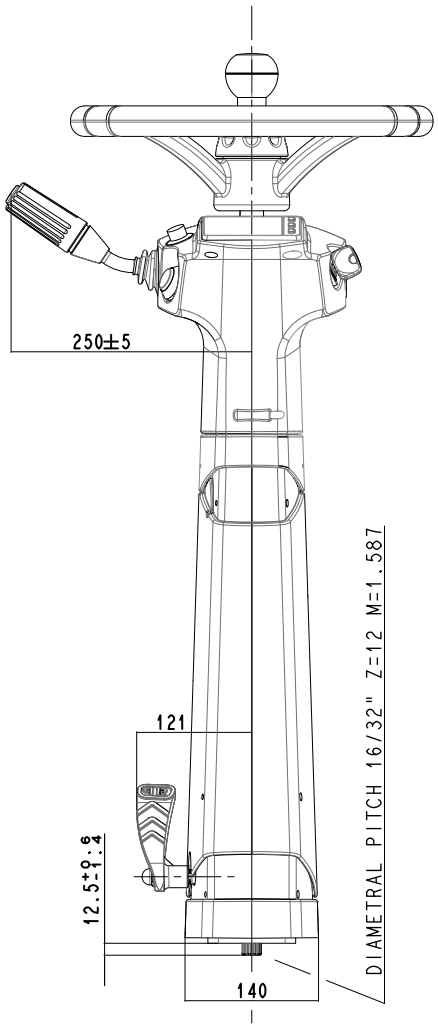
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Smat-View CanBus Digital Cluster with 2,4" display (page 34)
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

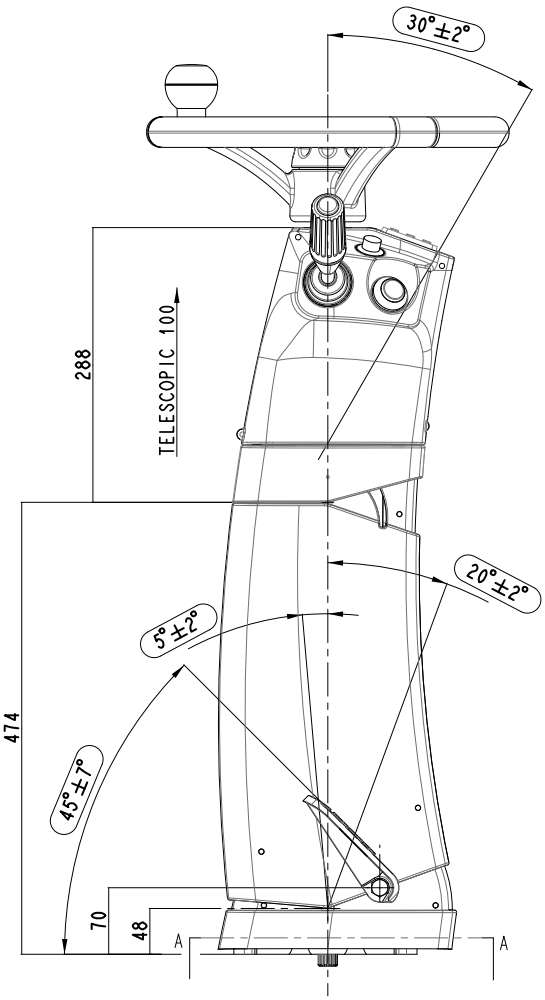
DUAL TILT ADJUSTMENT

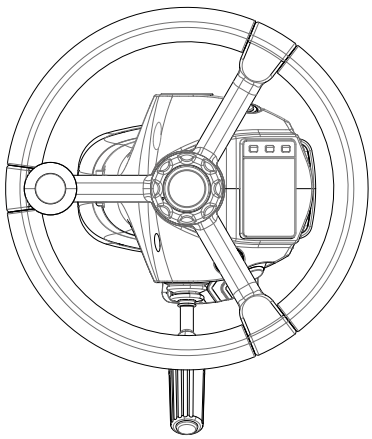
- Upper pivot , located at mid column lenght, operated Push button on the top side (30° toward operator)
- Lower pivot located at the base of the column, operated by a dedicated pedal on left side (5° toward windshield and 20° toward operator)
- Both tilt adjustment are gas strut assisted

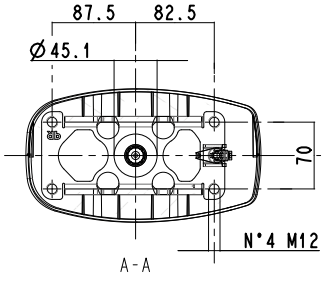
TELESCOPIC ADJUSTMENT

- Located onto upper section (100 mm)
- Operated by center cap on steering wheel









CL5000 J

BCH

metal pillar



tilt



60 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

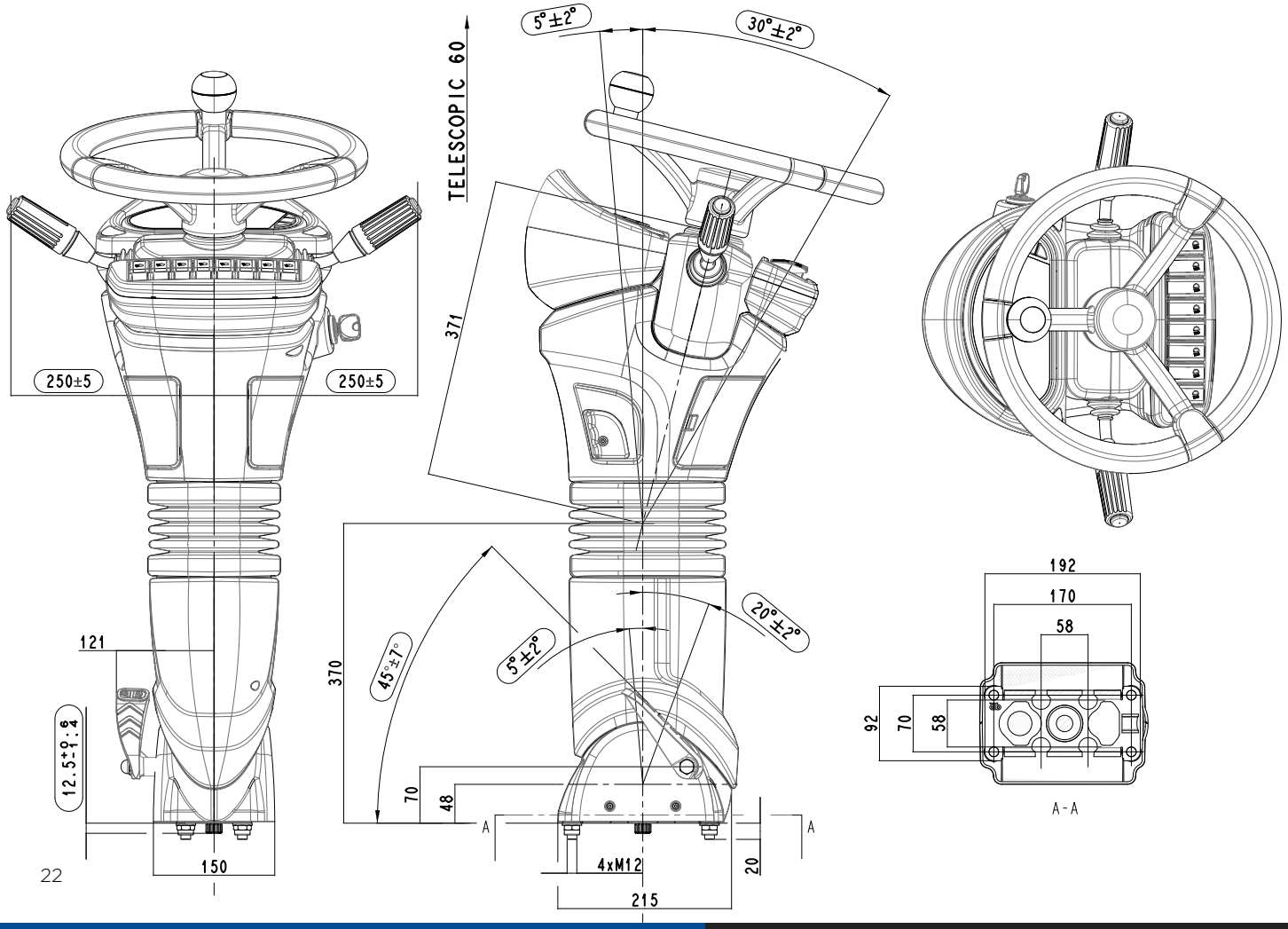
- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Accomodation for J-Cluster or Nimbus (page 33)
- Panel with 8 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

DUAL TILT ADJUSTMENT

- Upper pivot , located at mid column lenght, operated by push lever on left side (5° toward windshield 30° toward operator)
- Lower pivot located at the base of the column, operated by a dedicated pedal on left side (5° toward windshield and 20° toward operator)
- Both tilt adjustment are gas strut assisted

TELESCOPIC ADJUSTMENT

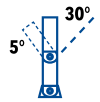
- Located onto upper section (60 mm)
- Operated by push lever on left side



CL5000 J Short

BCH

metal pillar



tilt



60 mm

COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

- Injection plastic covers: RAL9005 or RAL7015
- Accomodation for ignition switch
- Accomodation for J-Cluster or Nimbus (page 33)
- Panel with 8 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

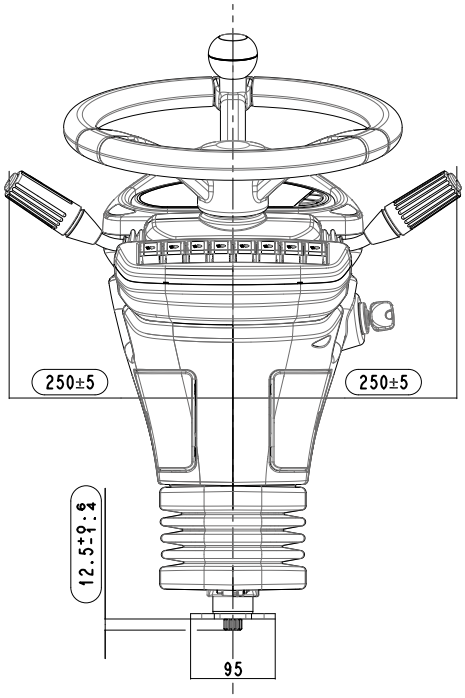
SINGLE TILT ADJUSTMENT

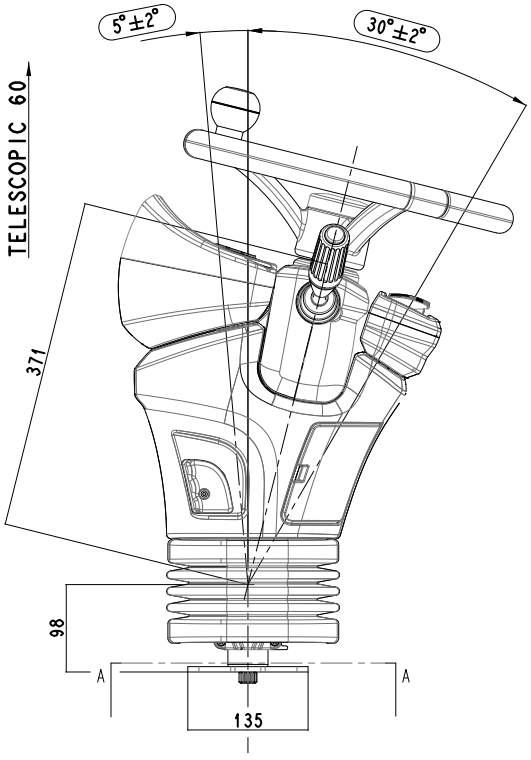
- Operated by push lever on left side (5° toward windshield 30° toward operator)
- Tilt adjustment are gas strut assisted

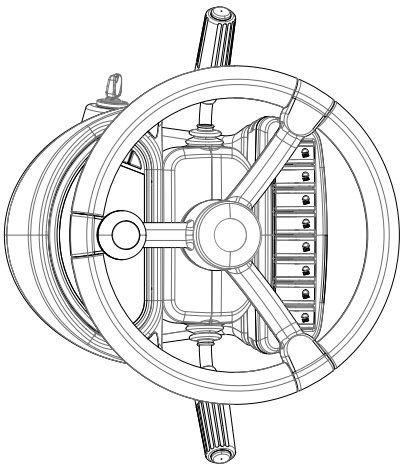
TELESCOPIC ADJUSTMENT

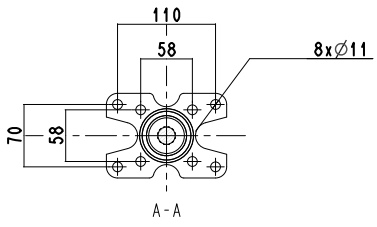
- Located onto upper section (60 mm)
- Operated by push lever on left side





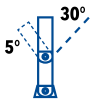






CL6000

MOXI 10
metal pillar



tilt


100 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Panel with 4 rocker switches or 2 KeyCan module or Smartview cluster (page 34)
- Accomodation stalk switches on LH and/or RH side
- Option steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

SINGLE TILT ADJUSTMENT

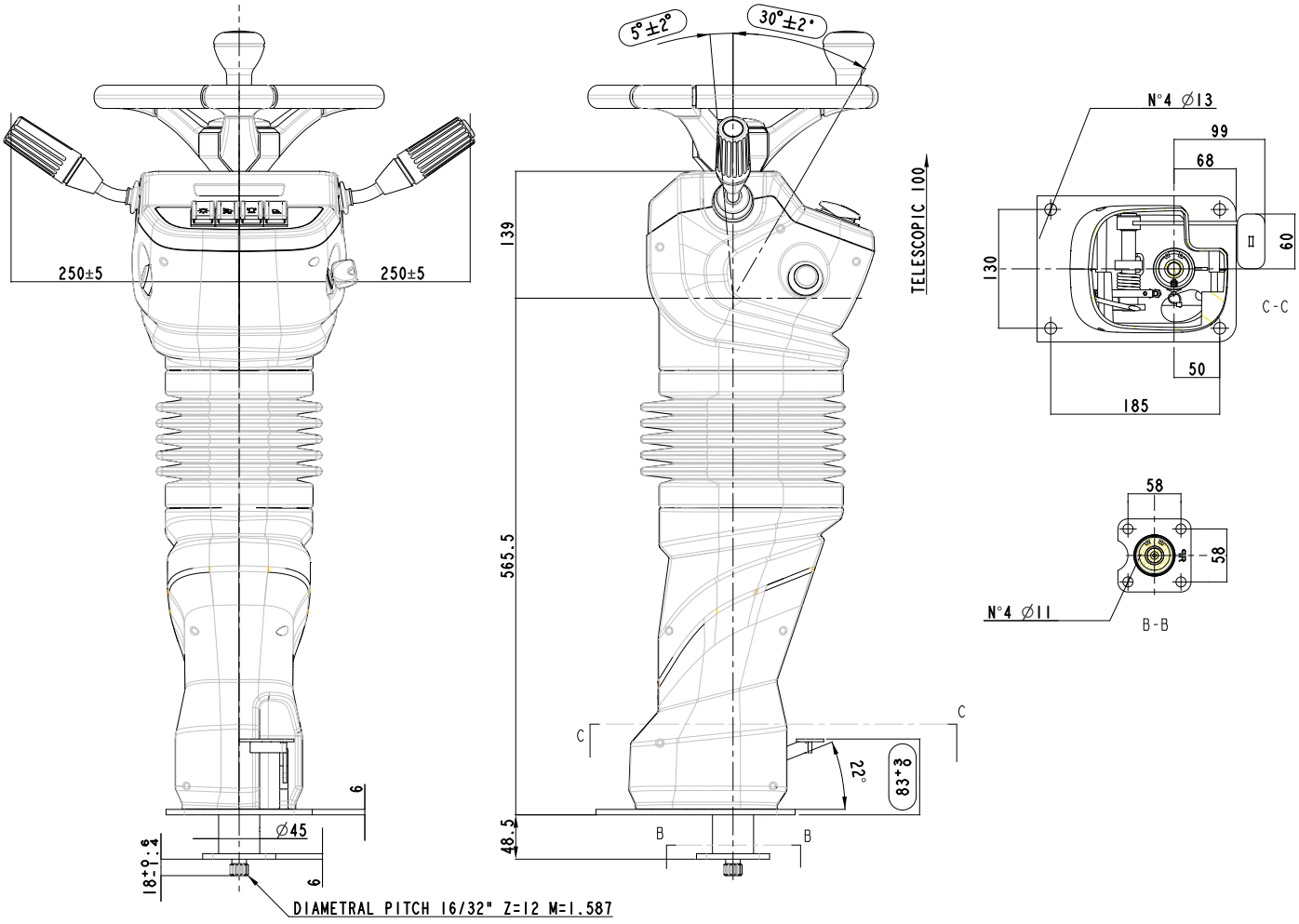
- Upper pivot operated by 1° step of pedal on bottom side (5° toward windshield and 30° toward operator)
- Tilt adjustment is gas strut assisted

TELESCOPIC ADJUSTMENT

- Located onto upper section (100 mm)
- Operated by 2° step of pedal on bottom side

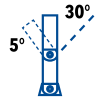
CLUSTER OPTION

On all the serie CL 6000 is possible to have it with different kind of clusters: D100TFT or NIMBUS (see images page 21)



CL6000 Short

MOXI 10
metal pillar



tilt


100 mm







With D100TFT Cluster Option (pag. 33)



With NIMBUS Cluster Option (pag. 33)

COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Panel with 4 rocker switches or 2 KeyCan module or Smartview cluster (page 34)
- Accomodation stalk switches on LH and/or RH side
- Option steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

SINGLE TILT ADJUSTMENT

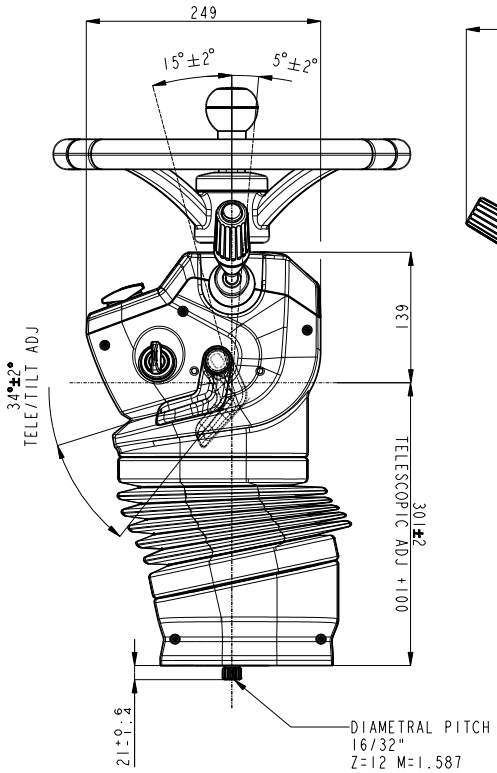
Operated by 1° step handle lever on right side (5° toward windshield and 30° toward operator)

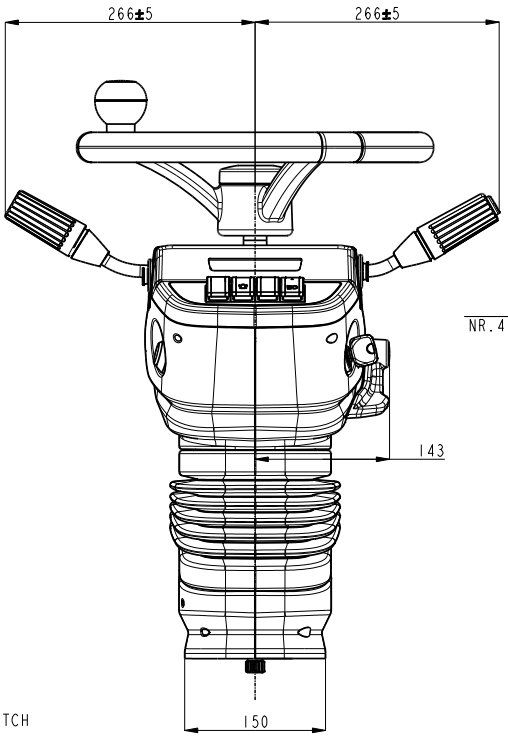
TELESCOPIC ADJUSTMENT

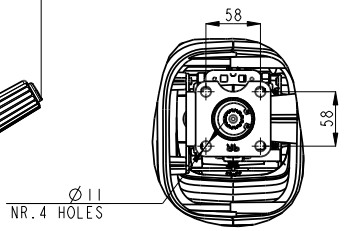
- Located onto upper section (100 mm)
- Operated by 2° step handle lever on left side

CLUSTER OPTION

On all the serie CL 6000 is possible to have it (see images on the side)

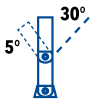






CL7000

BCH





metal pillar	tilt	60 mm





COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

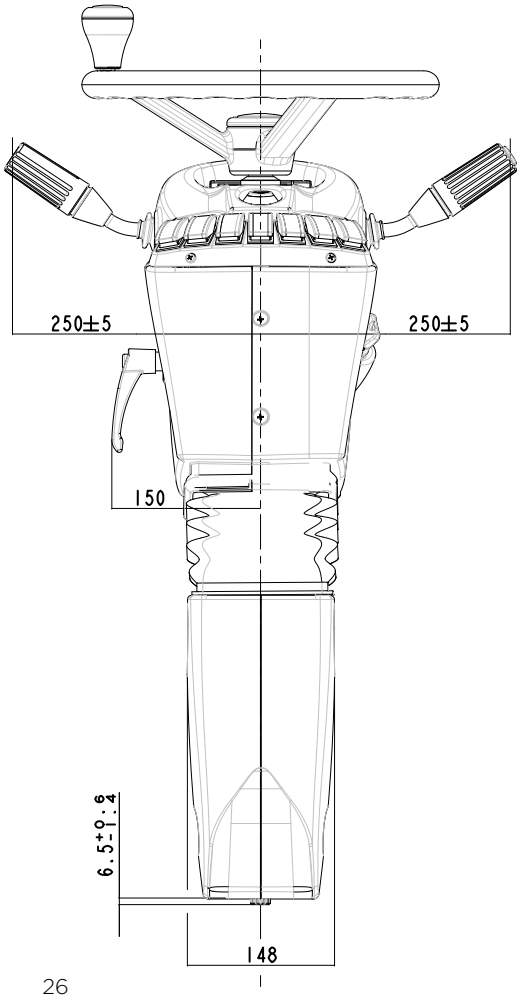
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for Smart View Cluster with 2,4" display (page 34)
- Panel with 7 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Option steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

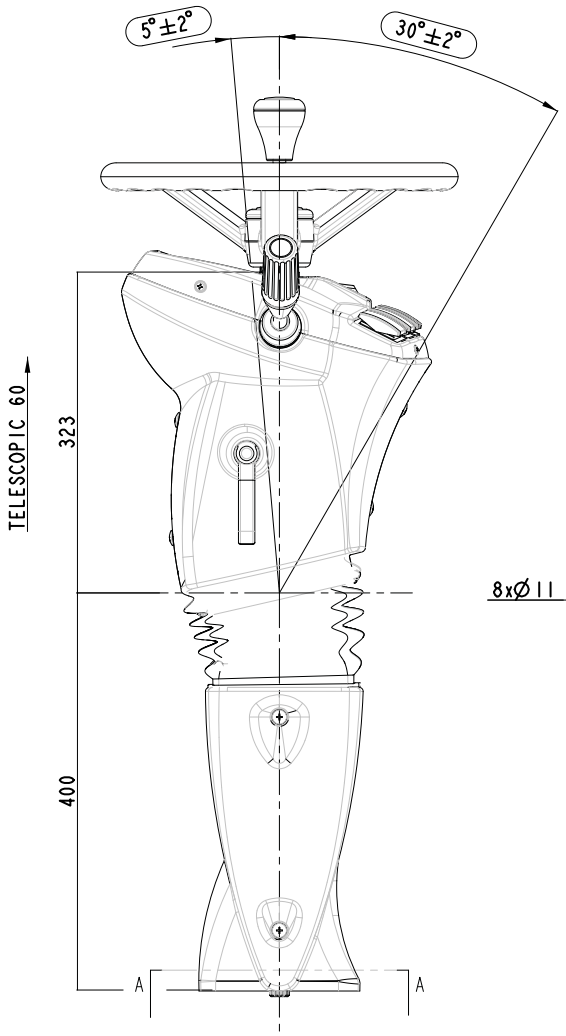
SINGLE TILT ADJUSTMENT

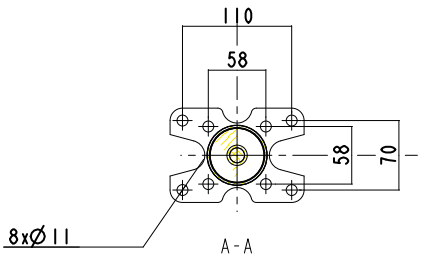
- Operated by handle lever on left side (5° toward windshield 30° toward operator)

TELESCOPIC ADJUSTMENT

- Located onto upper section (60 mm)
- Operated by handle lever on left side







CL7000 Short

BCH

metal pillar	tilt	60 mm



COVER COLOURS

RAL 9005 RAL 7015

STANDARD FEATURES

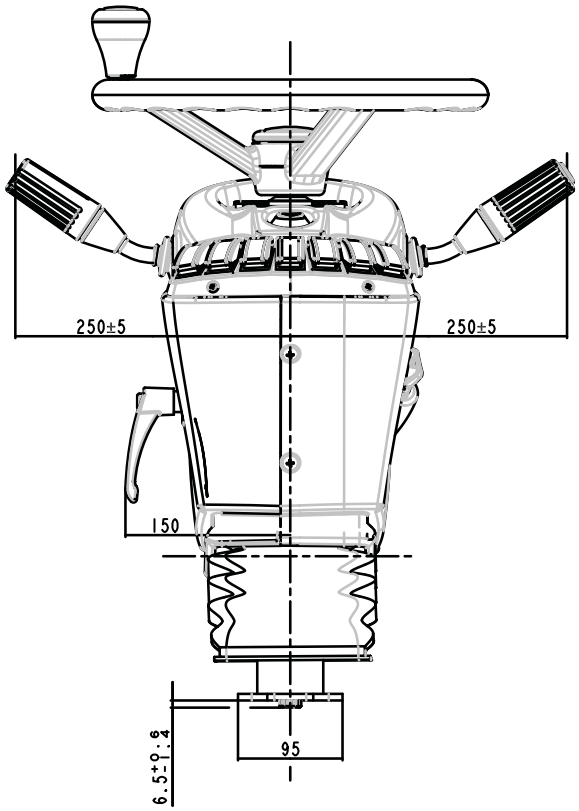
- Injection plastic covers: RAL9005 or RAL7016
- Accomodation for ignition switch
- Accomodation for Smart View Cluster with 2,4" display (page 34)
- Panel with 7 rocker switches
- Accomodation stalk switches on LH and/or RH side
- Option steering wheel (pages 30, 31, 32)
- Wiring harness (standard or customized)

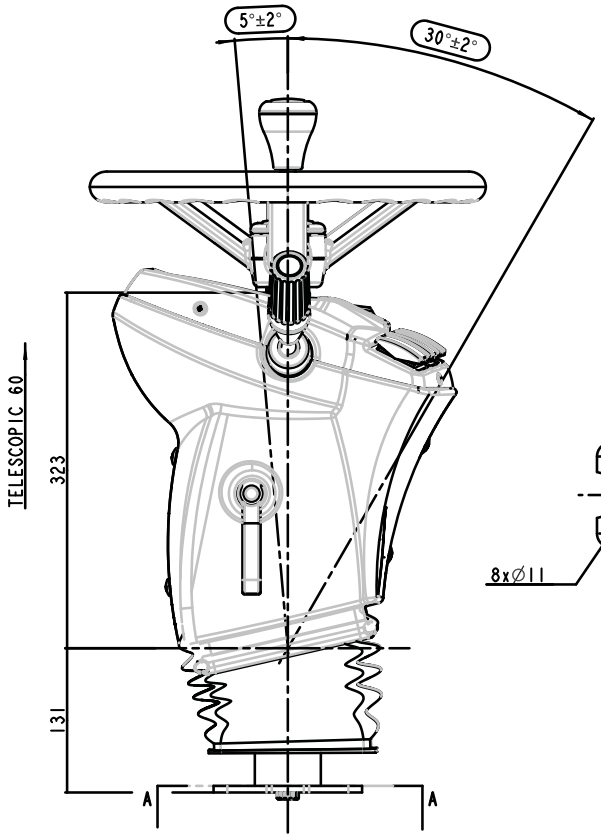
SINGLE TILT ADJUSTMENT

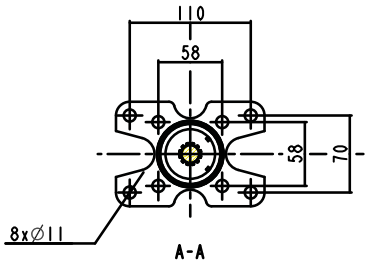
Operated by handle lever on left side (5° toward windshield 30° toward operator)

TELESCOPIC ADJUSTMENT

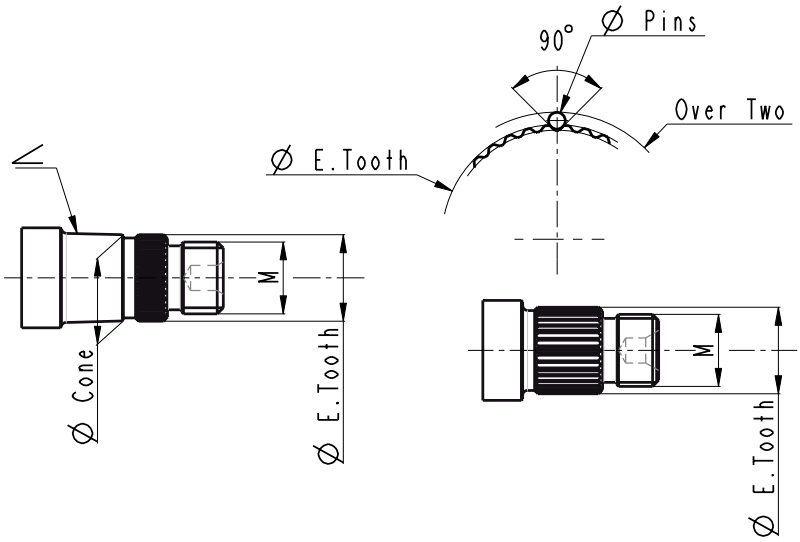
- Located onto upper section (60 mm)
- Operated by handle lever on left side







Standard cone



PERTEX STANDARD CONE: TOOTH Z=

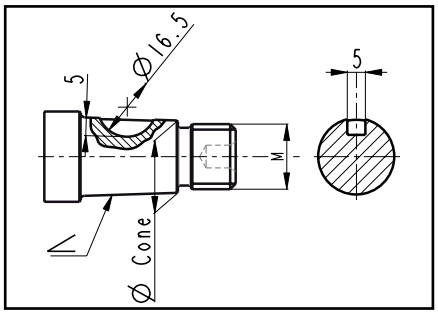
CONE NUMBER	THREAD M	CONE TOPER	< CONE	Ø CONE	Ø E. TOOTH	TOOTH	Ø PINS	OVER TWO
3	M=18x1.5	1:16	1°47'23''	21.0	20.5	36	1.35	22.16
4	M=18x1.5	1:19.26	1°29'14''	21.55	21.7	36	1.587	24.12
5	M=18x1.5	1:19.26	1°29'14''	21.84	21.7	36	1.587	24.12
20	M=16x1.5	1:12	2°23'10''	17.9	17.4	40	1.320	19.48
24	M=16x1.5	1.46:20	2°5'25''	18.16	17.5	36	1.35	19.35
29	M=14x1.5	1:4.15	6°52'03''	16.5	15.8	36	1.320	17.72
35	M=16x1.5	1:3.43	8°17'37''	19.4	19.0	48	0.96	20.1

PERTEX WHEEL ATTACK: TOOTH Z=

CONE NUMBER	THREAD M	CONE TOPER	< CONE	Ø CONE	Ø E. TOOTH	TOOTH	Ø PINS	OVER TWO
18	M=16x2	-	-	-	19.6	38	0.96	20.43
28	M=18x1.5	-	-	-	23.95	24	2.25	26.65
32	M=18x1.5	-	-	-	21.7	36	1.587	24.12

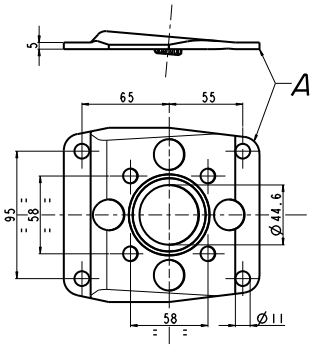
PERTEX STANDARD CONE: WOODRUFF 5X6.5

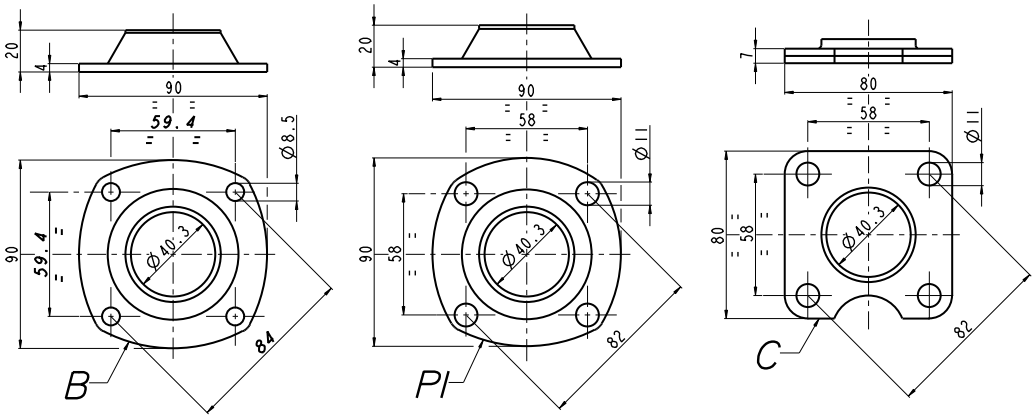
CONE NUMBER	THREAD M	CONE TOPER	< CONE	Ø CONE
1	M=18x1.5	1:20	1°25'55''	23.2
2	M=18x1.5	1:20	1°25'55''	20.53
6	M=16x1.5	1:8	3°34'34''	18.6
7	M=16x1.5	1:7.5	3°48'50''	18.2
21	M=18x1.5	1:16	1°47'23''	20.0

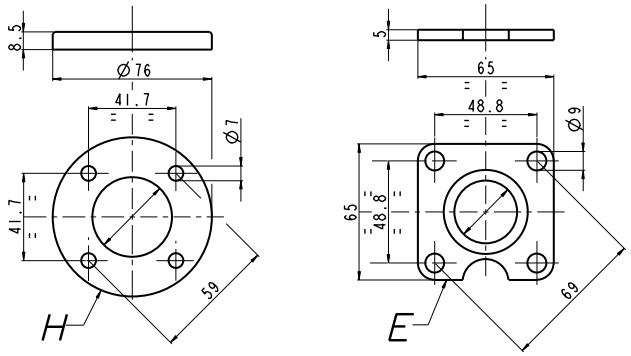


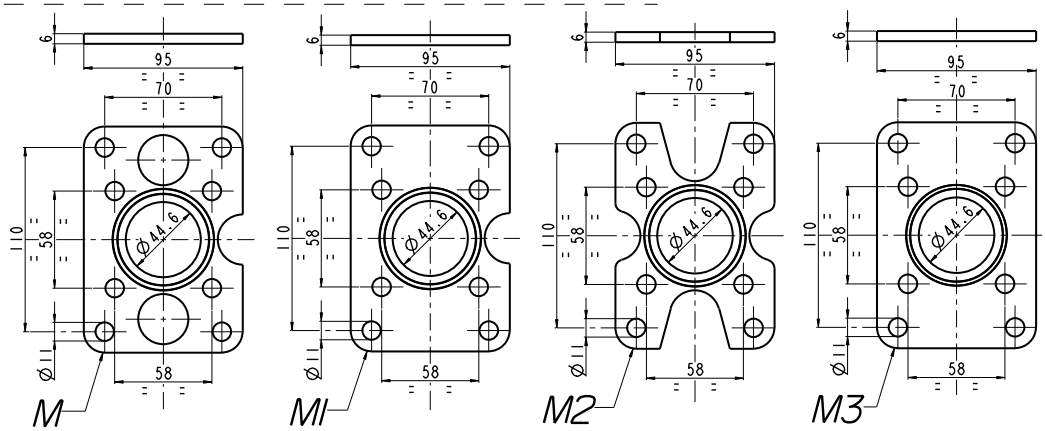
Standard flange

Available flange options

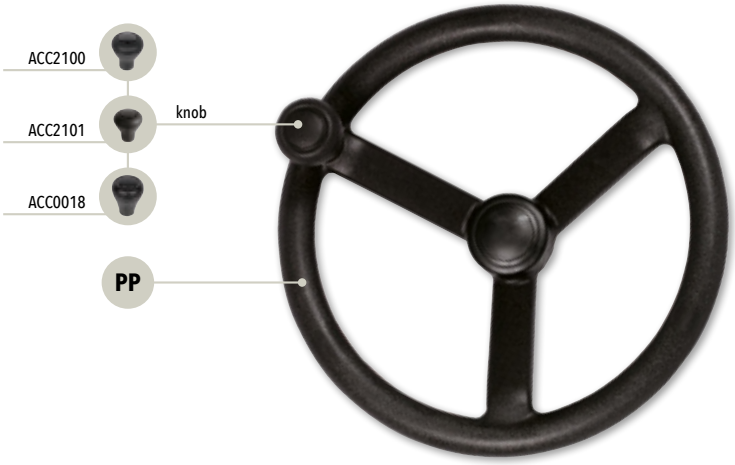


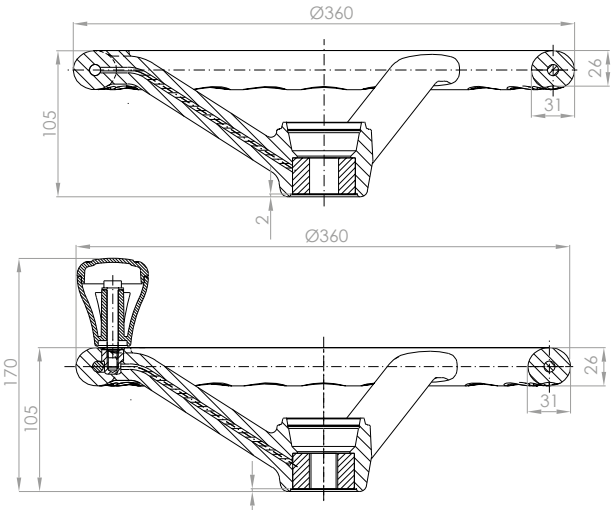






SERIE 6 Polypropylene

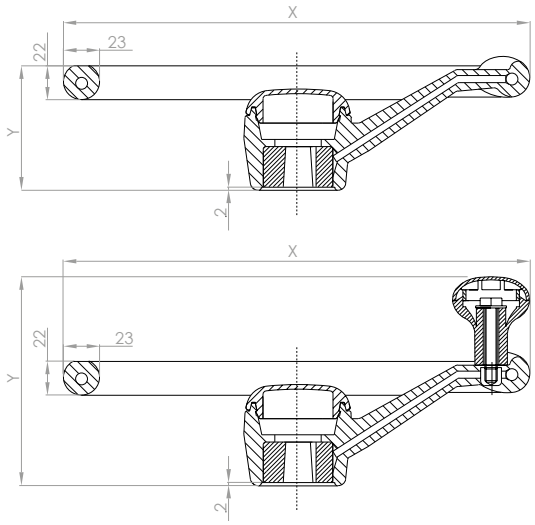




Part Number	A	B	C	D	Teeth	Taper	E	F	G	H
VOL1636C2	45	26	/	/	/	1:7,5	19,20	/	11,65	5
VOL1636C5	45	26	/	/	/	1:7,5	21,60	/	12,30	5
VOL1636DA	45	26	/	/	/	1:20	24,80	/	15,40	5
VOL1636D4	45	26	13	20,78	36	1:19,26	23,02	22,04	/	/
VOL163618	45	26	/	18,30	36	/	/	19,80	/	/

SERIE 9 Polypropylene

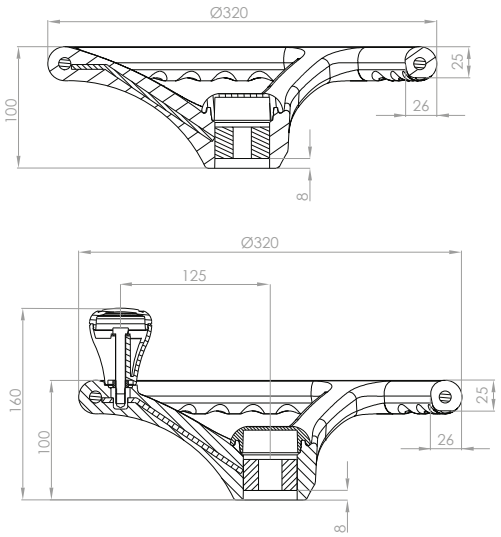




Part Number	X	Y	A	B	C	D	Teeth	Taper	E	F	G	H
VOL1930C2	300	81	45	26	/	/	/	1:7,5	19,20	/	11,65	5
VOL1930C2P	300	131	45	26	/	/	/	1:7,5	19,20	/	11,65	5
VOL1930DA	300	81	45	26	/	/	/	1:20	24,80	/	15,40	5
VOL1936C2	360	100	45	26	/	/	/	1:7,5	19,20	/	11,65	5
VOL1936C5	360	100	45	26	/	/	/	1:7,5	21,60	/	12,30	5
VOL1936DA	360	100	45	26	/	/	/	1:20	24,80	/	15,40	5
VOL1936DAP	360	150	45	26	/	/	/	1:20	24,80	/	15,40	5
VOL193680	360	130	45	26	16	16,60	40	1:12	18,86	17,82	/	/

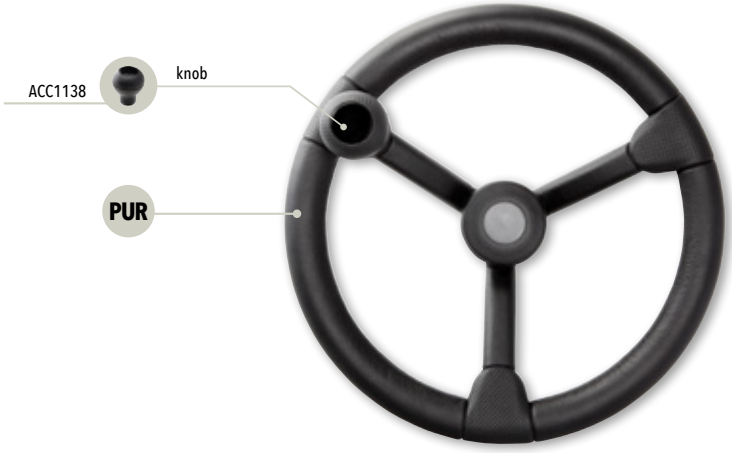
SERIE 10 Polypropylene

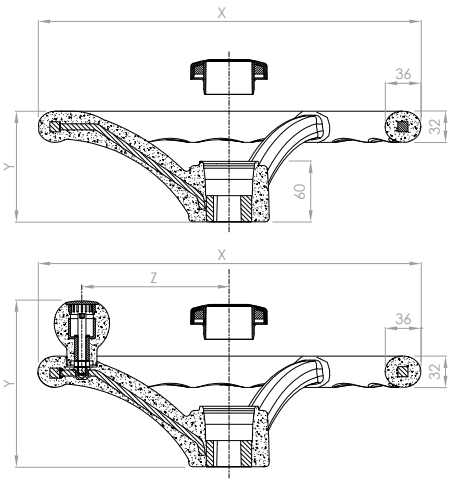




Part Number	A	B	C	D	Teeth	Taper	E	F	G	H
VOL1032C2	45	26	/	/	/	1:7,5	19,20	/	11,65	5
VOL1032DA	45	26	/	/	/	1:20	24,80	/	15,40	5
VOL1032D4	45	26	13	20,78	36	1:19,26	23,02	22,04	/	/
VOL1032ET	45	26	18	16,627	40	1:12	18,86	17,826	/	/
VOL1032ET2	45	26	/	/	/	1:7,6	19,64	/	12,40	5
VOL1032MI	45	26	/	/	/	1:20	17,40	/	12	5

SERIE 11 Polyurethane

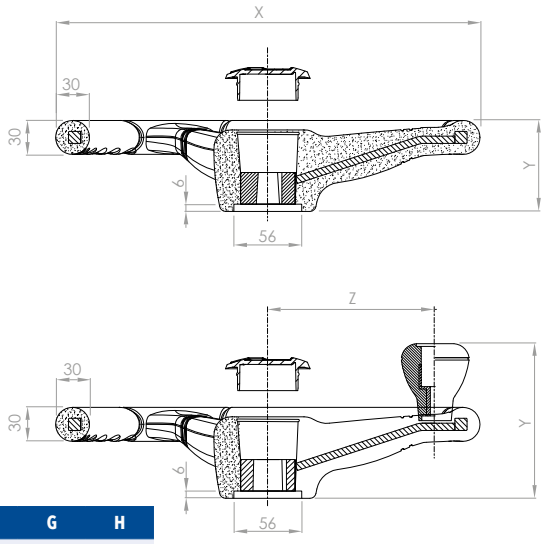




Part Number	X	Y	Z	A	B	C	D	Teeth	Taper	E	F	G	H
VOL11138DA	380	110	/	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL11138DAP	380	165	143	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL11138D4	380	110	/	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL11138D4P	380	165	143	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL11138T3	380	110	/	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/
VOL11138T3P	380	165	143	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/
VOL11138AU	380	110	/	45	26	/	/	/	1:20	20,53	/	14,30	5
VOL11138AUP	380	165	143	45	26	/	/	/	1:20	20,53	/	14,30	5
VOL111405DA	405	125	/	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL111405DAP	405	182	161	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL111405D4	405	125	/	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL111405D4P	405	182	161	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL111405T3	405	125	/	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/
VOL111405T3P	405	182	161	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/

SERIE 12 Polyurethane

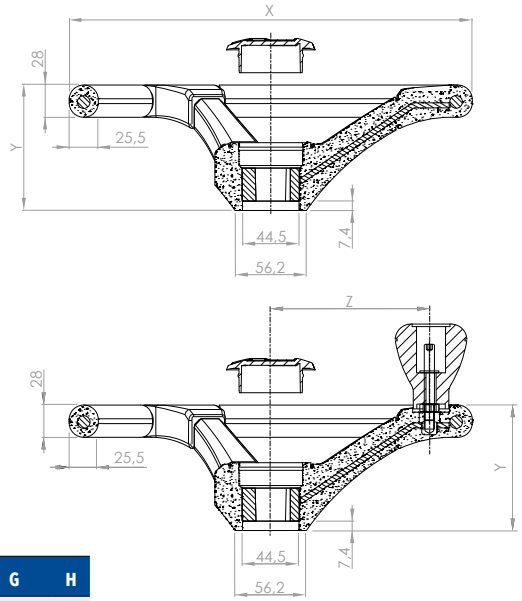




Part Number	X	Y	Z	A	B	C	D	Teeth	Taper	E	F	G	H
VOL11235DA	350	75	/	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL11235DAP	350	128	138	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL11235D4	350	75	/	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL11235D4P	350	128	138	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL11235T3	350	75	/	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/
VOL11235T3P	350	128	138	45	26	14,50	19,38	36	1:16	20,95	20,68	/	/
VOL11235C2	350	75	/	45	26	/	/	/	1:7,9	15,90	/	11,65	5
VOL11235C2P	350	128	138	45	26	/	/	/	1:7,9	20,53	/	14,30	5

SERIE 18 Polyurethane





Part Number	X	Y	Z	A	B	C	D	Teeth	Taper	E	F	G	H
VOL1832AU	320	100	/	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL1832DA	320	100	/	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL1832DAP	320	162	125	45	26	/	/	/	1:20	23,20	/	15,40	5
VOL1832D4	320	100	/	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL1832D4P	320	162	125	45	26	13	20,78	36	1:19,26	21,50	22,04	/	/
VOL1832C2	320	100	/	45	26	/	/	/	1:7,9	15,90	/	11,65	5
VOL1832C2P	320	162	125	45	26	/	/	/	1:7,9	20,53	/	14,30	5
VOL1835DAP	350	166	137	45	26	/	/	/	1:20	23,20	/	15,40	5

KNOB



ACC0018
Polypropylene knob



ACC2100
Polyurethane knob



ACC2101
Polyurethane knob



ACC1138
Polyurethane knob

CLUSTER

J-CLUSTER



Combines the features of traditional pointer indicators with the performace and flexibility of LCD TFT color high resolution display. Specifically designed for harsh environmental application, J-Cluster is the right instrument for machinary with and without cabin.

NIMBUS



Cluster in solid state solution, with display 5" TFT color 800 cd (IPS technology) and 7 led indicators. Powerfull microcontroller and large memory size: 32bit, 8 Mb Flash and 8 Mb Ram.

D100TFT



D100TFT is equipped with display 2,4" TFT color high-brightness in IPS technology, canbus line SAE J1939 and several inputs and outputs that allow to manage optional functions.

DISPLAY

SMARTVIEW



SMARTVIEW is an ultra-compact instrument equipped with a TFT color display 2,4", 5 LED indicators and 3 pushbuttons. Suitable for applications where space is limited, it is able to manage and display all the information on the machine. Able to connect both via CANBUS and with "traditional" signals, it is the right compromise between cost-effectiveness and high performance.

SLIMTITAN



Is presented as the new line of instruments designed for applications where minimum space and maximum flexibility are required, combined with high visual performance and structural robustness. With a minimal design, SLIMTITAN fits perfectly into any type of dashboard. Equipped with a capacitive touchscreen managed by an intelligent algorithm, they ensure excellent optical performance as well as the possibility of using the touch function even while wearing protective gloves.

STEERING VIEW



Is an innovative steering wheel in which there is a multifunction dashboard with a high-brightness display in 7" wide screen TFT LCD technology and 800×480 resolution. Steering View meets the needs of those who need maximum visibility in the cab by giving the possibility to manage and view all the parameters of the machine. The instrument in the center of the steering wheel has the peculiarity of remaining fixed, thus allowing maximum ergonomics and functionality.

KEYCAN

KEYCAN



Is a new concept of modular keypad that allows you to customize the design of the dashboard according to your needs. The 4 pushbuttons that make up the keyboard are easily customizable. Each of them is equipped with 3 RGB LEDs that indicate its status and allow you to adjust the intensity of the 7 different possible colors. The keys also have a seat to accommodate a plastic plate on which the desired symbol is lasered. KeyCAN is programmable via CANBUS and equipped with the J1939 stack. The keyCAN can be mounted horizontally or vertically thanks to the possibility of freely positioning the keys.

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