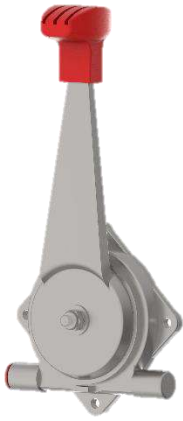


# HAND THROTTLE LEVERS:



☐ XTL-240



☐ XTL-260



☐ XTL-320



☐ XTL-340



☐ XTL-350



☐ XTL-400



☐ XTL-402



☐ XTL-420



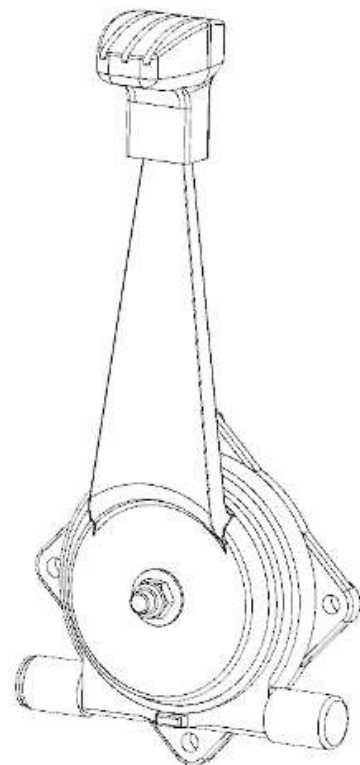
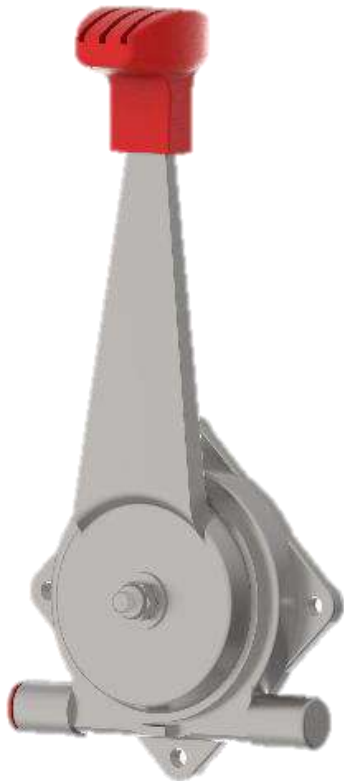
☐ XTL-500



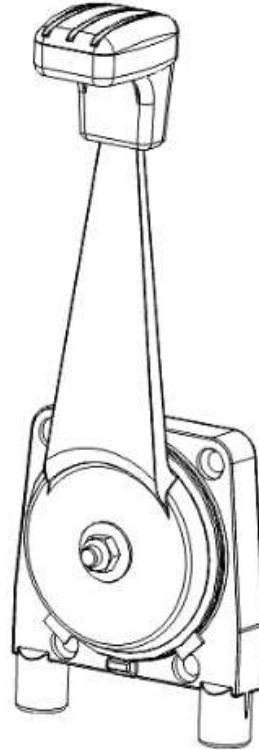
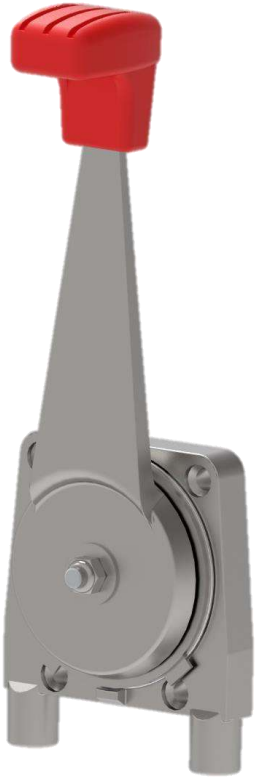
☐ XTL-505



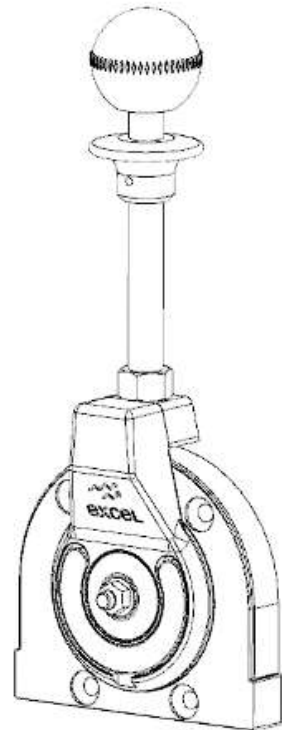
☐ XTL-620



- Hand throttle lever in zinc alloy die cast construction.
- Adjustable friction through lock nut on the front surface
- 45 degree of lever movement results in 25mm of travel
- Maximum recommended travel 90mm
- Suitable for light push pull or pull only loads
- Maximum load 10 kgf.
- Lever adjustable in 60° increments.
- Travel stop plates adjustable in 10° increments.
- Knob color : red, black.



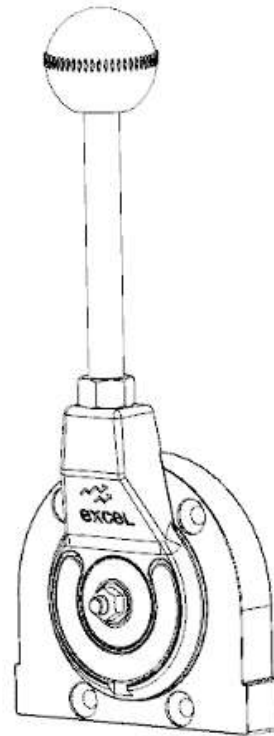
- Hand throttle lever in zinc alloy die cast construction.
- Adjustable friction through lock nut on the front surface
- 45 degree of lever movement results in 25mm of travel
- Maximum recommended travel 90mm
- Suitable for light push pull or pull only loads
- Maximum load 10 kgf.
- Lever adjustable in 60° increments.
- Travel stop plates adjustable in 10° increments.
- Knob color : red, black.



- Hand throttle control available in zinc alloy die cast construction.
- Maximum recommended travel 50mm for angular motion of 90°.
- Maximum load 10kgf.
- Suitable for light duty pull only applications
- Adjustable travel stops.
- Various lock options available. Some examples are shown above

**Note :-**

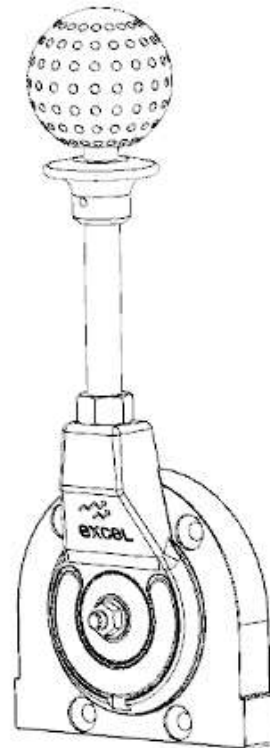
- Handle movement should not exceed 30° from center towards Cable entry side.



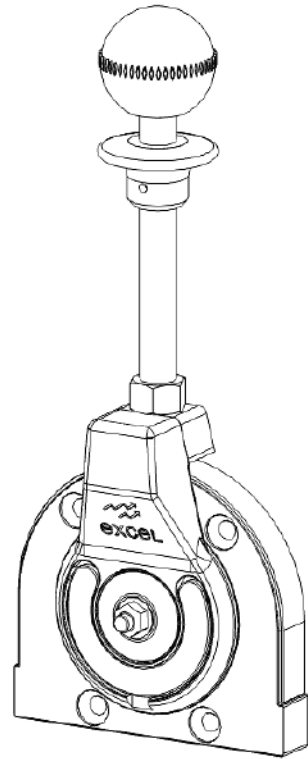
- Hand Throttle Control available in Zinc Alloy Die Cast construction.
- Maximum recommended travel 50mm for angular motion of 90° .
- Maximum load 10kgf.
- Suitable for light duty pull only applications.
- Adjustable travel stops.
- Various lock options available.
- Adjustable friction through nut on the front surface.
- Black colored knob.

**Note :-**

- Handle movement should not exceed 30° from center towards cable entry side.



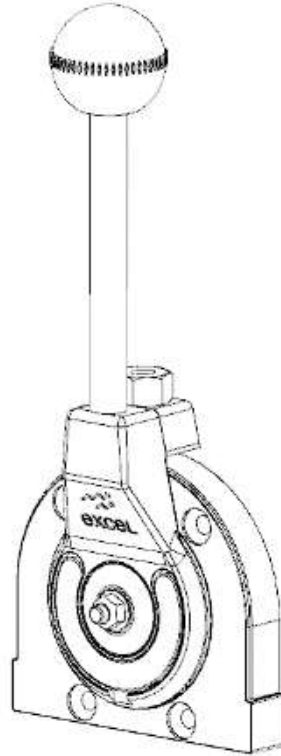
- Ratchet type Hand Throttle Lever.
- Travel : 50mm Max.
- Side mounted.
- Available in Zinc Alloy Die Cast construction.
- Maximum load 10kgf.
- Adjustable travel stops.
- Available with Switch Plate



- Hand Throttle Lever in Aluminium Alloy Die Cast construction
- Suitable for light to moderate Pull only or Push Pull loads.
- Recommended maximum travel 75mm for angular motion of 160° .
- Maximum load 10 Kgf.
- Various lock options available. Some examples are shown above.

**Note :-**

- Handle movement should not exceed 30° from center towards cable entry side

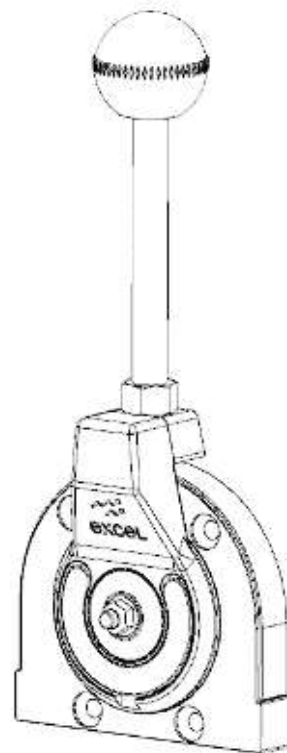


- Hand Throttle Lever in Aluminium Alloy Die Cast construction
- Suitable for light to moderate Pull only or Push Pull loads.
- Recommended maximum travel 80mm for angular motion of 160° .
- Maximum load 10 Kgf.
- Various detent options available. Some examples are shown above.
- Black colored knob.

**Note :-**

- Handle movement should not exceed 30° from center towards cable entry side.

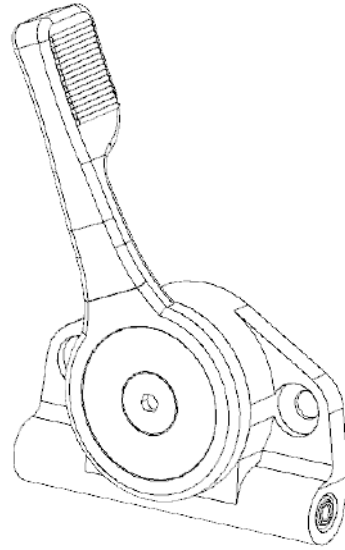




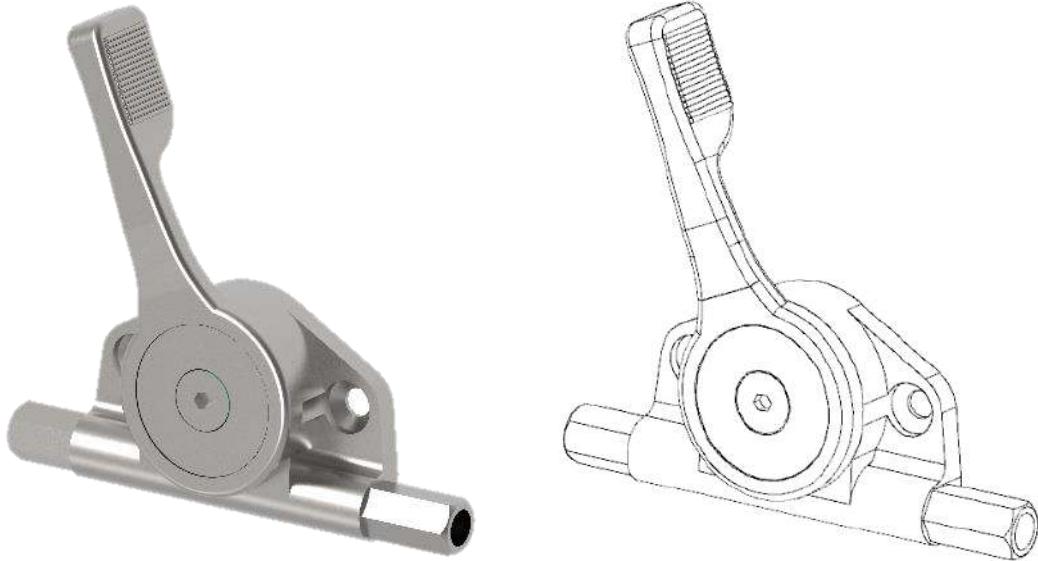
- Hand Throttle Lever in Aluminium Alloy Die Cast construction
- Suitable for light to moderate Pull only or Push Pull loads.
- Recommended maximum travel 80mm for angular motion of 160° .
- Maximum load 10 Kgf.
- Black Colored Knob.

**Note :-**

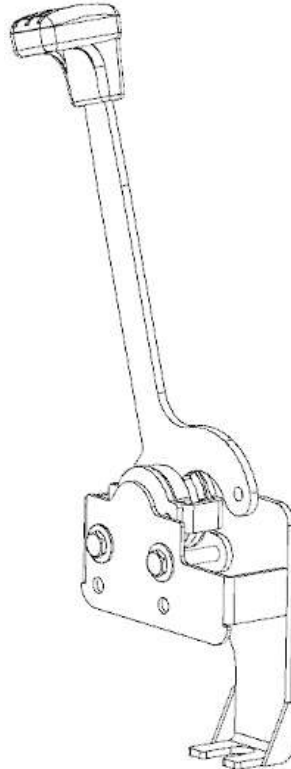
- Handle movement should not exceed 30° from center towards cable entry side.



- ❑ Light duty rack & pinion control with detent as shown.
- ❑ Standard travel 27mm for 99° angular travel.
- ❑ Zinc Alloy based Housing.
- ❑ Suitable for hydraulic motor control.



- Light duty rack & pinion control with detent as shown.
- Standard travel 40mm for 145° angular travel.
- Zinc Alloy based Housing.
- Suitable for hydraulic motor control.



- Light duty sheet metal hand throttle lever with detent as shown.
- Standard travel 38mm for 82° angular travel.
- Load - 5kgf Max..
- Suitable for light duty pull only application.
- Travel :-
  - From detent position 1 to detent position 2 = 25mm
  - From detent position 2 to detent position 3 = 13mm
- Black Colored Knob.

# VALVE OPERATORS:



□ XVL-500



□ XVL-505



□ XVL-520



□ XVL-620



□ XVL-680



□ XVL-690



□ XVL-700



□ XVL-705



□ XVL-900



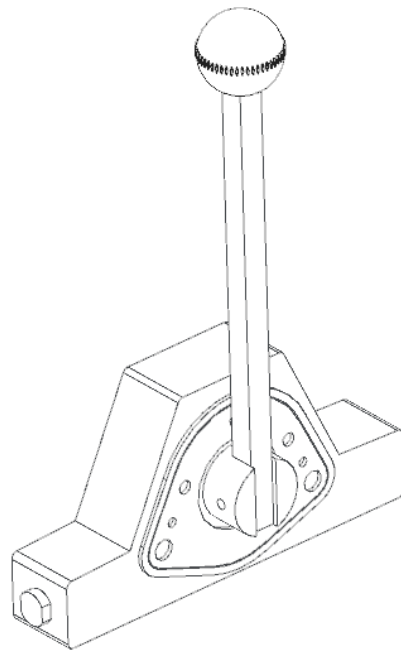
□ XVL-902



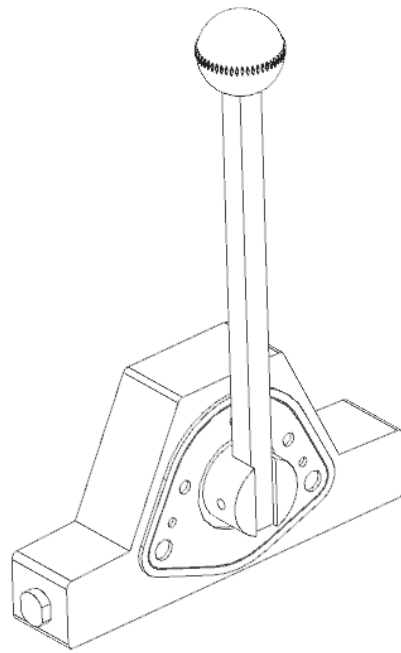
□ XVL-920



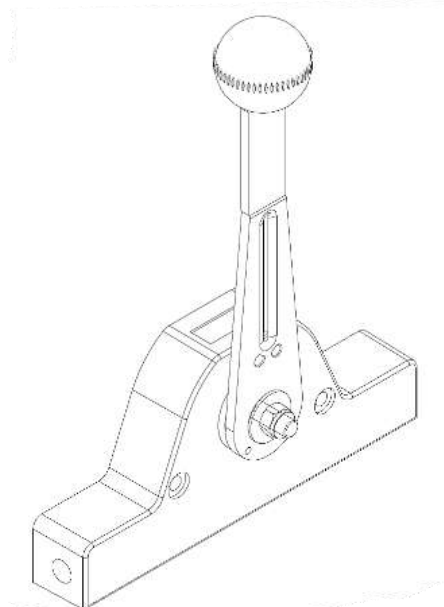
□ XVL-930



- ❑ Zinc alloy heavy duty Rack Lever.
- ❑ Total Travel : 80mm.
- ❑ Maximum load 100 Kgf.
- ❑ Optional 1/2/3 lock positions.
- ❑ Also available in non locking construction.
- ❑ Black Colored Knob.

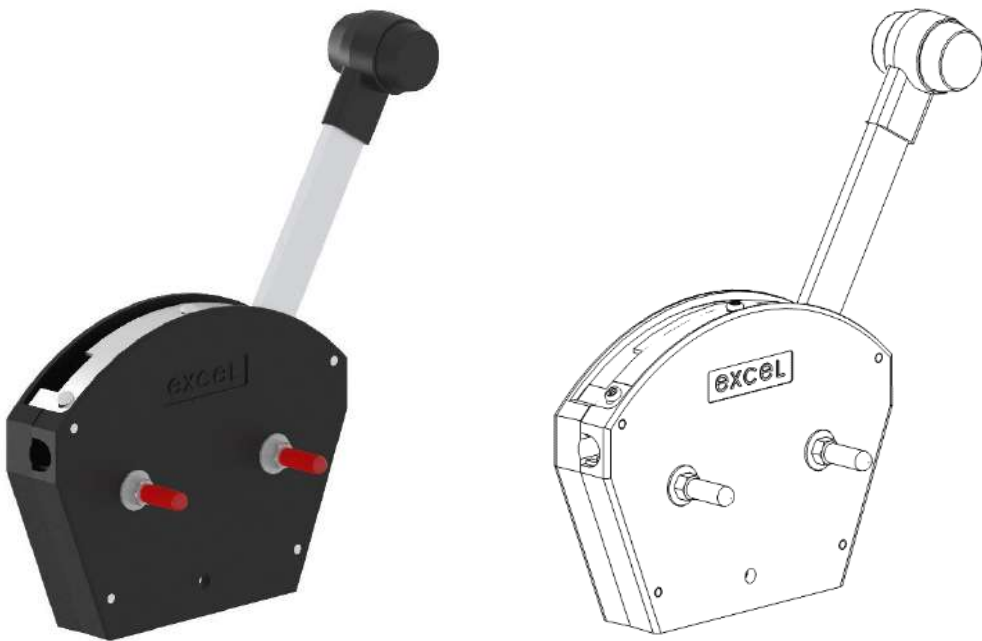


- ❑ Zinc alloy heavy duty Rack Lever.
- ❑ Total Travel : 80mm.
- ❑ Maximum load 100 Kgf.
- ❑ Non Locking Construction.
- ❑ Black Colored Knob.

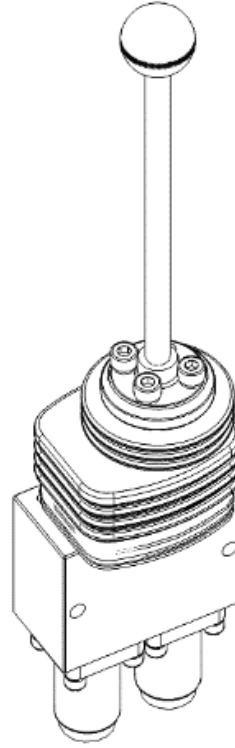


- ❑ Zinc alloy body and Rack Lever Mechanism.
- ❑ Total Travel : 80mm Max.
- ❑ Maximum load 60 Kgf.
- ❑ Black Colored Knob.

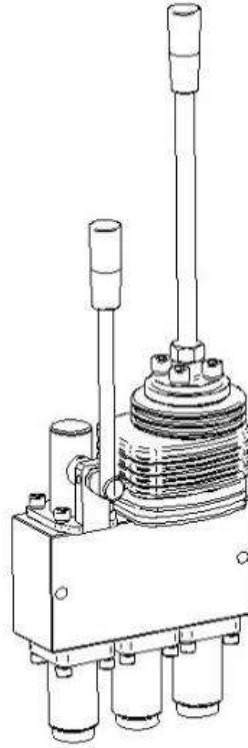




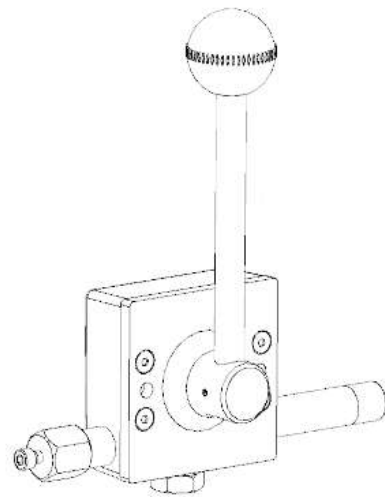
- Zinc alloy body Valve Operator.
- Suitable for PTO operations
- Total travel : 80mm.
- Max load 45 kgf.
- Various gate options available.
- 1/4'' UNF End Rod threading is standard.
- Bottom mounting option available.
- Black Colored Knob.



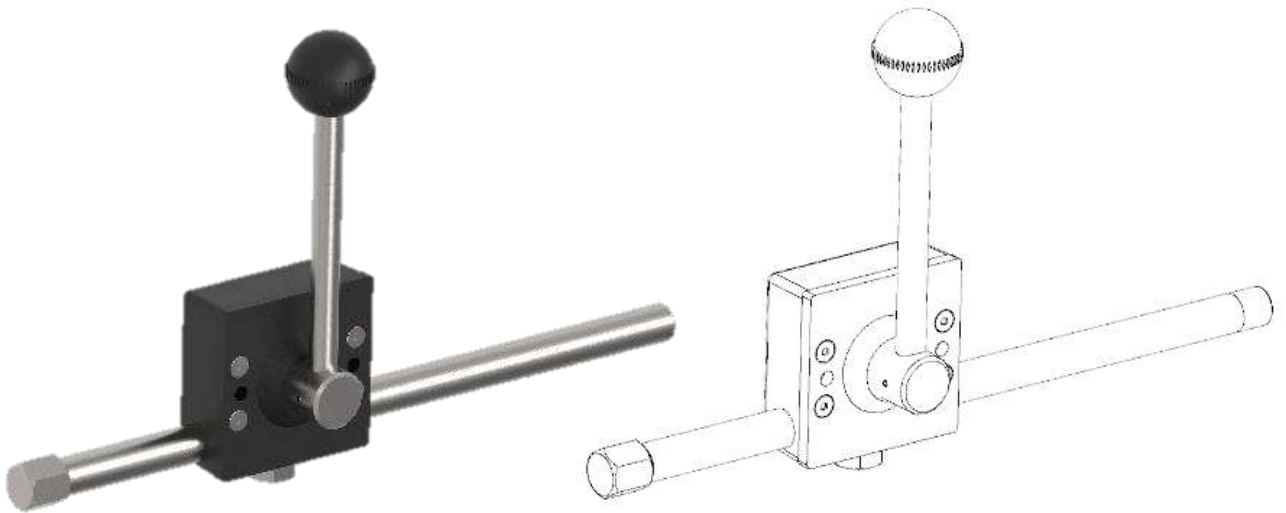
- ❑ Aluminium body with steel rods.
- ❑ Max Travel 10mm in each direction.
- ❑ Max load 40 kgf.
- ❑ Black Colored Knob.



- Aluminium body with steel rods.
- Max Travel 10mm in each direction.
- Max load 40 kgf.
- Black Colored Knob.



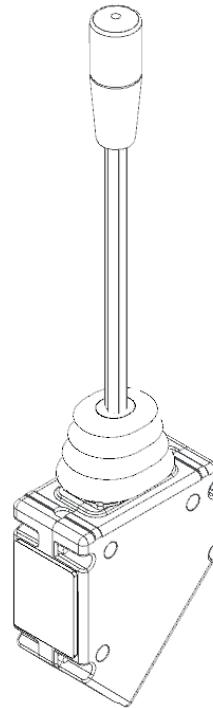
- ❑ Light duty rack & pinion control with detent.
- ❑ Standard travel 50mm.
- ❑ Aluminum housing & steel gear set.
- ❑ Suitable for hydraulic motor control.
- ❑ Black Colored Knob.



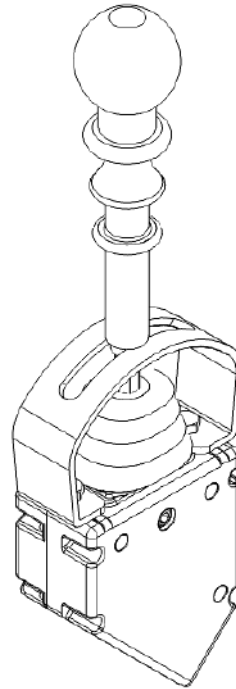
- ❑ Light duty rack & pinion control with detent.
- ❑ Standard travel 100mm.
- ❑ Aluminum housing & steel gear set.
- ❑ Suitable for hydraulic motor control.
- ❑ Black Colored Knob.



- ❑ Zinc alloy Stackable Remote Valve Operator.
- ❑ Total Max. Travel : 45mm.
- ❑ Max load 50 Kgf.
- ❑ Available with different valve connection kits.
- ❑ Black Colored Knob.

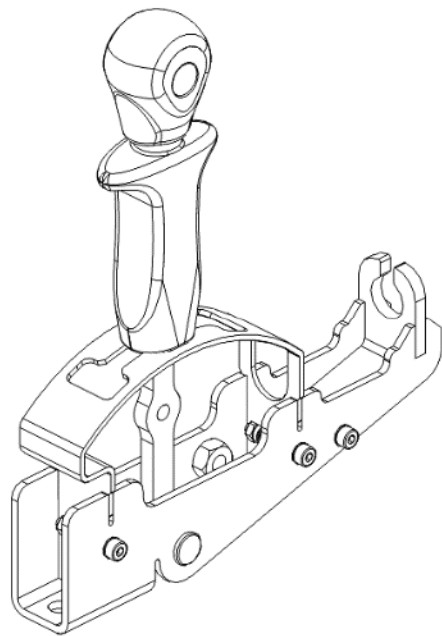


- ❑ Zinc Alloy Stackable remote Valve Operator.
- ❑ Total Max. Travel : 26mm.
- ❑ Max load 40 kgf.
- ❑ Suitable for side / panel / bulkhead mounting.
- ❑ Black Colored Knob.



- ❑ Zinc Alloy Stackable remote Valve Operator.
- ❑ Detent plate option available.
- ❑ Total Max. Travel : 26mm.
- ❑ Max load 40 kgf.
- ❑ Suitable for side / panel / bulkhead mounting.
- ❑ Black Colored Knob.





- ❑ Zinc Alloy Stackable remote Valve Operator.
- ❑ Total Max. Travel : 40 mm.
- ❑ Max load 35 kgf.
- ❑ Yellow Colored Knob.

# DRIVE LEVERS:



□ XDL-100



□ XDL-110



□ XDL-120



□ XDL-130



□ XDL-140



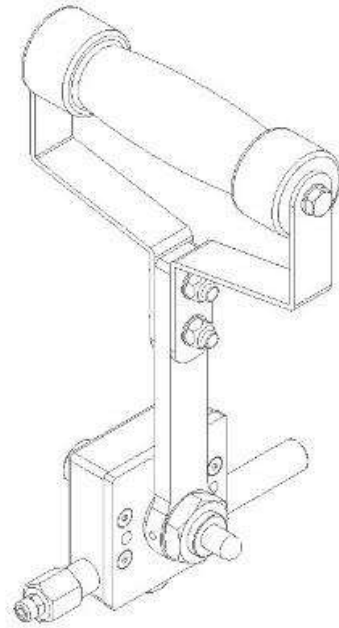
□ XDL-150



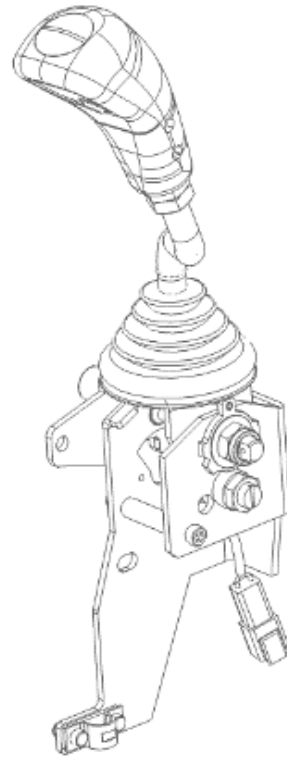
□ XVL-800



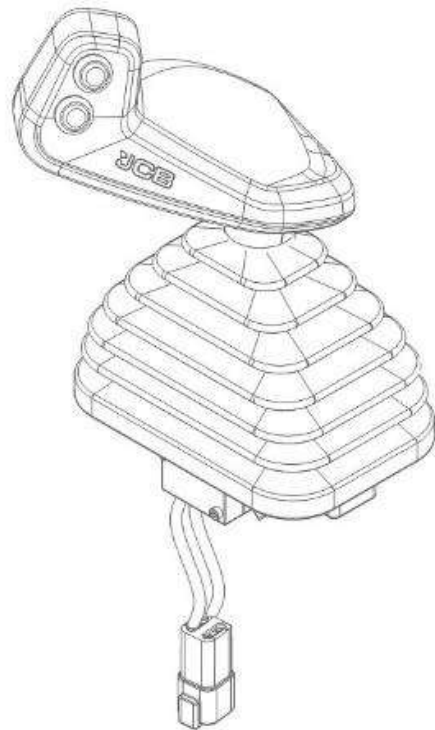
□ XVL-805



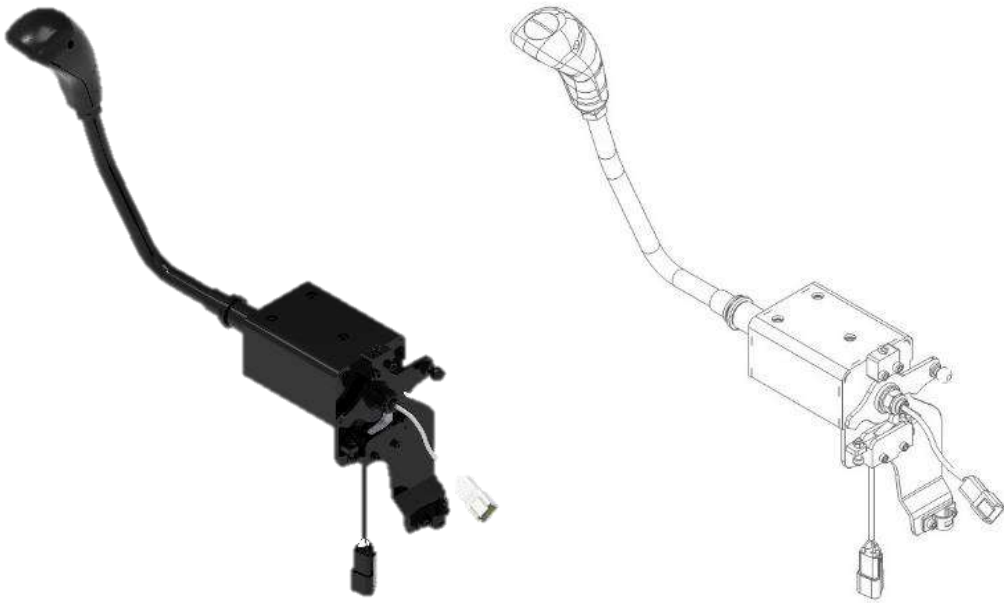
- ❑ Light Duty Rack & Pinion Control with Detent.
- ❑ Standard Travel 50mm.
- ❑ Aluminum Housing & Steel Gear Set.
- ❑ Suitable For Hydraulic Motor Control



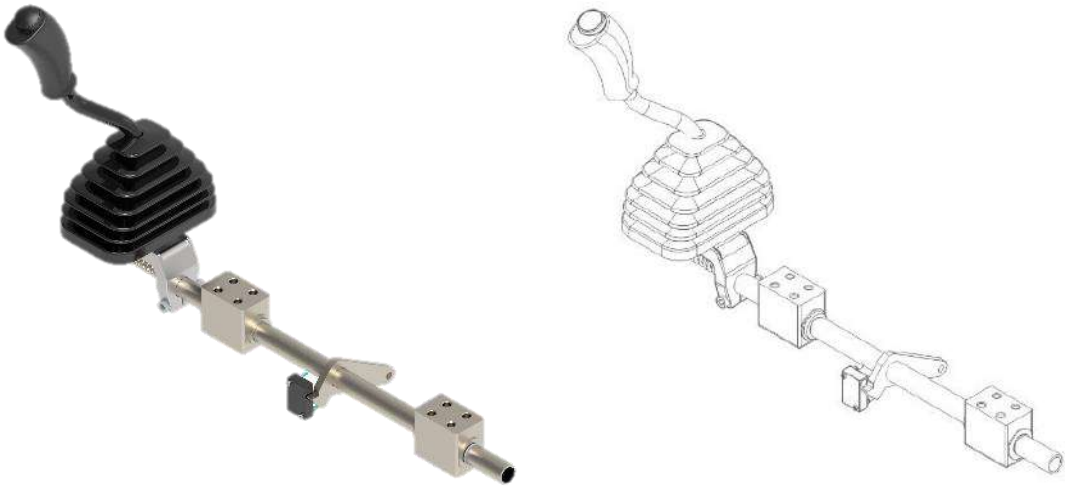
- FNR Lever
- Max. Travel: 44 mm.
- Bracket & Arm in Pressed Steel.
- Equipped With Vibration Cut Off Switch.



- FNR Lever.
- Max. Travel: 60 mm.
- Bracket in Al Alloy & Arm in Steel.
- Equipped With Neutral, Reverse, Horn & Vibration Cut Off Switch.



- FNR Lever**
- Max. Travel: 60 mm.**
- Bracket & Arm in Pressed Steel.**
- Equipped With Reverse & Vibration Cut Off Switch.**



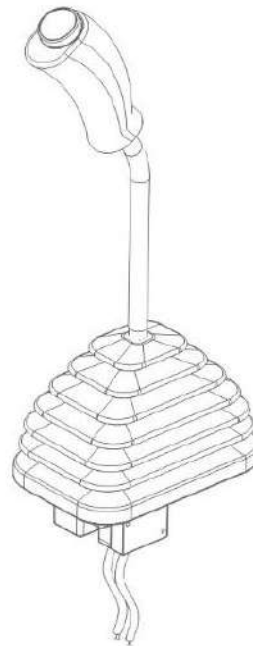
- FNR Lever
- Max. Travel: 56 mm.
- Bracket & Arm in Pressed Steel.
- Equipped With Neutral, Reverse & Vibration Cut Off Switch

# XDL 150

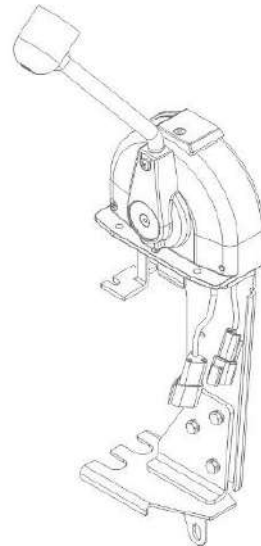


- FNR Lever
- Max. Travel: 56 mm.
- Bracket & Arm in Pressed Steel.
- Equipped With Neutral, Reverse & Vibration Cut Off Switch





- Aluminium alloy Die cast construction.
- Max. travel : 60mm.
- Max. load : 50Kgf.
- Suitable for hydraulic motor control.



- FNR Lever For Traction Control.
- Housing : Aluminium Alloy.
- Travel : 70mm Max.
- Equipped with Neutral & Horn Switch.

# JOYSTICK CONTROLS:



□ XVL-650



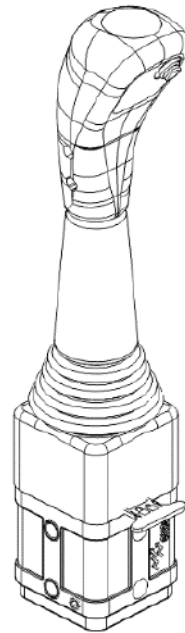
□ XVL-660



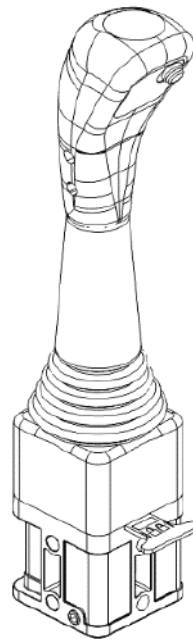
□ XVL-705



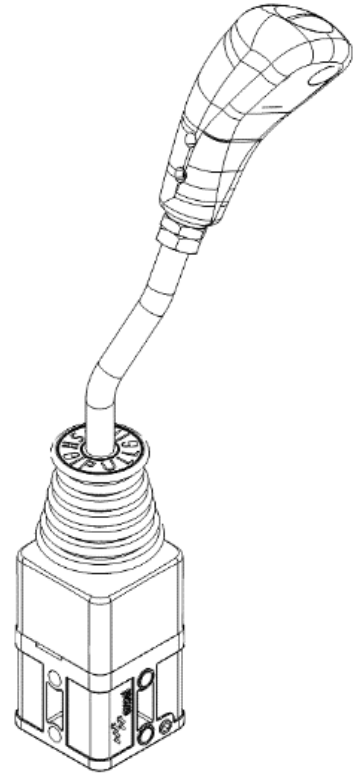
□ XVL-710



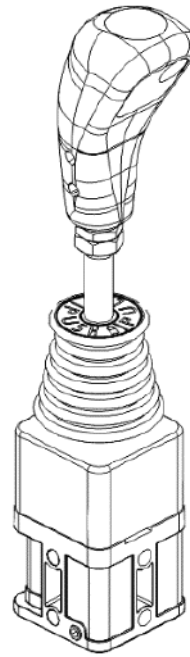
- Plastic body vertical joystick lever.
- Total travel : 14+14mm at each terminal
- Black colored knob.
- Max load 15kgf.
- Optional neutral lock lever.



- Zinc alloy body vertical joystick lever.
- Total travel : 15+15mm at each terminal
- Black colored knob.
- Max load 25kgf.
- Optional neutral lock lever.



- Aluminum Alloy Body Vertical Joystick Lever.
- Total Travel: 14+14mm at Each Terminal.
- Neutral Lock Lever.
- Customized Handle Option is Available.



- Aluminum Alloy Body Vertical Joystick Lever.
- Total Travel: 14+14mm at Each Terminal.
- Neutral Lock Lever.

# HAND OPERATORS:



□ XHO-820



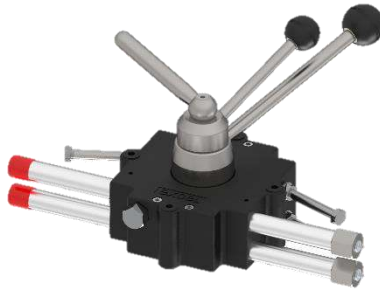
□ XHO-825



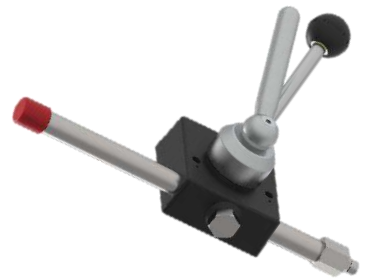
□ XHO-840



□ XHO-845



□ XHO-850



□ XHO-870



□ XHO-875

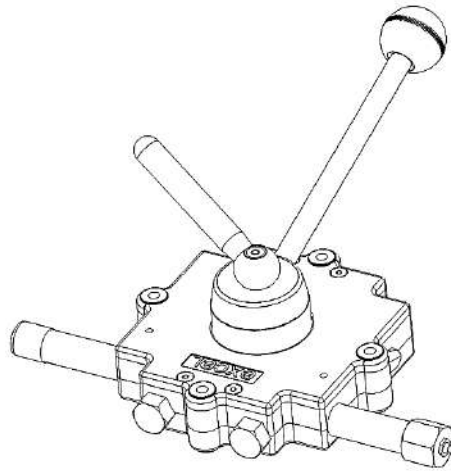


□ XHO-880

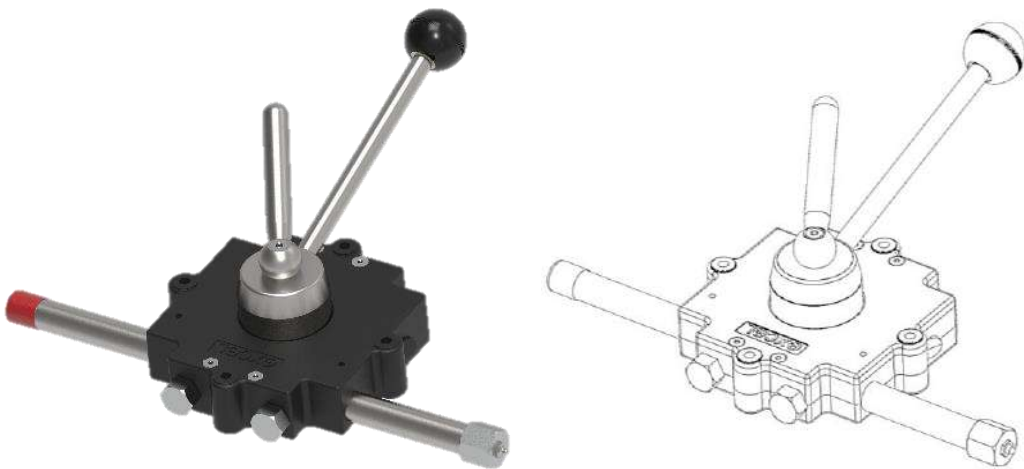


□ XHO-885

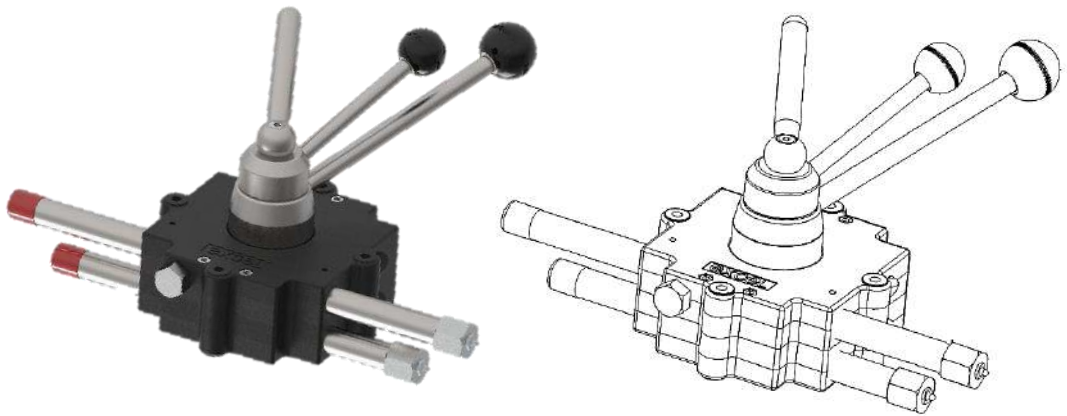




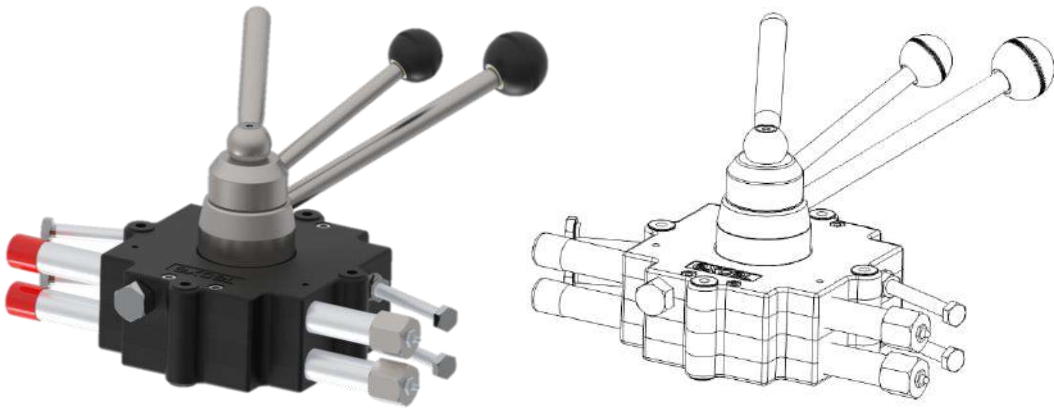
- Single Lockable Rack & Pinion Control.
- Standard Travel 80mm.
- Aluminum alloy housing & steel gear set.
- Optional-Finished with black powder coat or without coat.
- Black Colored Knob.



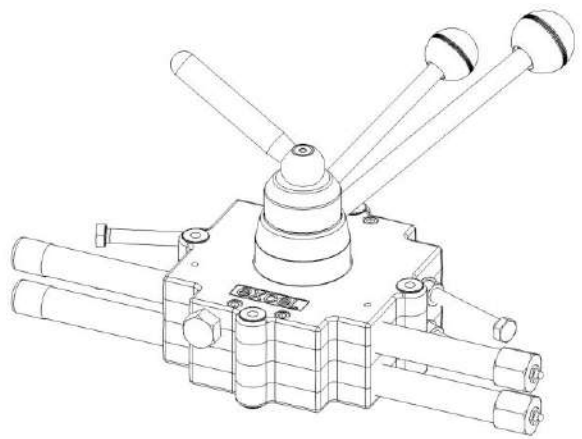
- Single Lockable Rack & Pinion Control.
- Standard Travel 100mm.
- Aluminum alloy housing & steel gear set.
- Black powder coated finish.
- Black Colored Knob.



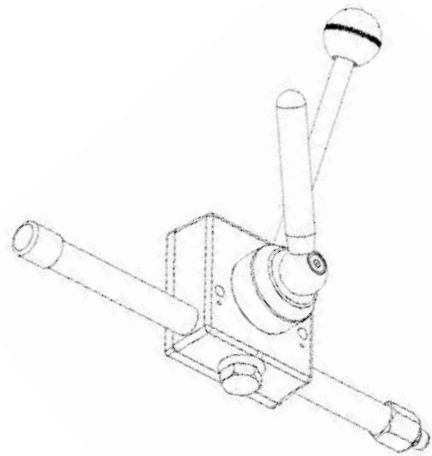
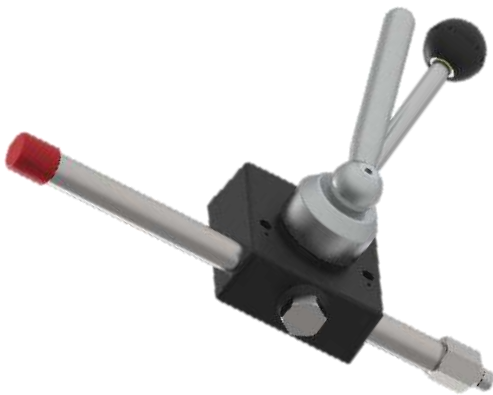
- Double Lockable Rack & Pinion Control.
- Standard Travel 80 mm for accelerator & 100mm for pump control.
- Aluminum alloy housing & steel gear set.
- Optional-Finished with black powder coat or without coat.
- Black Colored Knob.



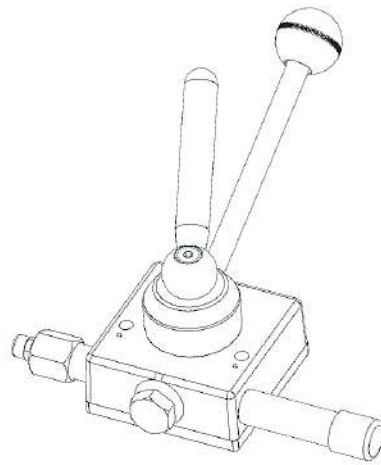
- Double Lockable Rack & Pinion Control.
- Standard Travel 80 mm for accelerator & pump control.
- Aluminum alloy housing & steel gear set.
- Optional-Finished with black powder coat or without coat.
- Black Colored Knob.



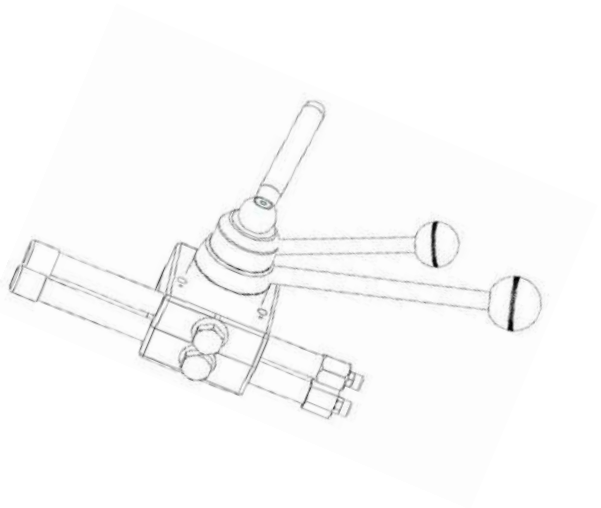
- Double Lockable Rack & Pinion Control.
- Standard Travel 100 mm for accelerator & pump control.
- Aluminum alloy housing & steel gear set.
- Detent at the mid position.
- Suitable for Transit Mixer throttle & hydraulic control.
- Optional-Finished with black powder coat or without coat.
- Black Colored Knob



- ❑ Light duty lockable rack & pinion control with detent.
- ❑ Standard travel 100mm.
- ❑ Aluminum housing & steel gear set.
- ❑ Suitable for hydraulic motor control.
- ❑ Black Colored Knob.

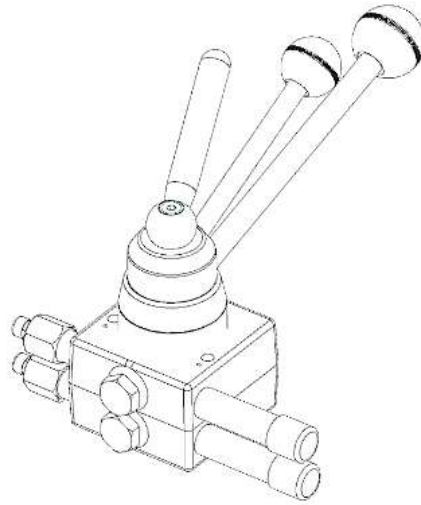


- Light duty lockable rack & pinion control with detent.
- Standard travel 50mm..
- Aluminum housing & steel gear set.
- Suitable for hydraulic motor control.
- Finished with black.
- Black Colored Knob.



- ❑ Light duty lockable rack & pinion control with detent.
- ❑ Standard travel 100mm.
- ❑ Aluminum housing & steel gear set.
- ❑ Suitable for hydraulic motor control.
- ❑ Black Colored Knob.





- Light duty double lockable rack & pinion control with detent.
- Standard travel 50mm.
- Aluminum housing & steel gear set.
- Suitable for hydraulic motor control.
- Black Colored Knob.

# FOOT PEDALS:



□ XFP-220



□ XFP-220 XT



□ XFP-222



□ XFP-224



□ XFP-224 XT



□ XFP-230



□ XFP-330



□ XFP-350



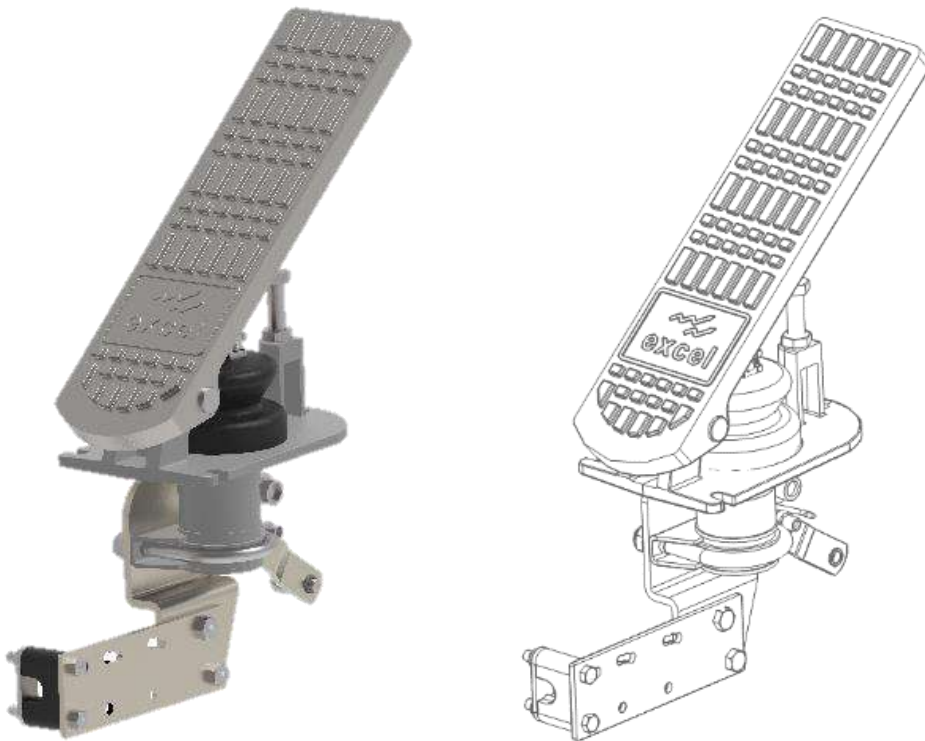
□ XFP-400



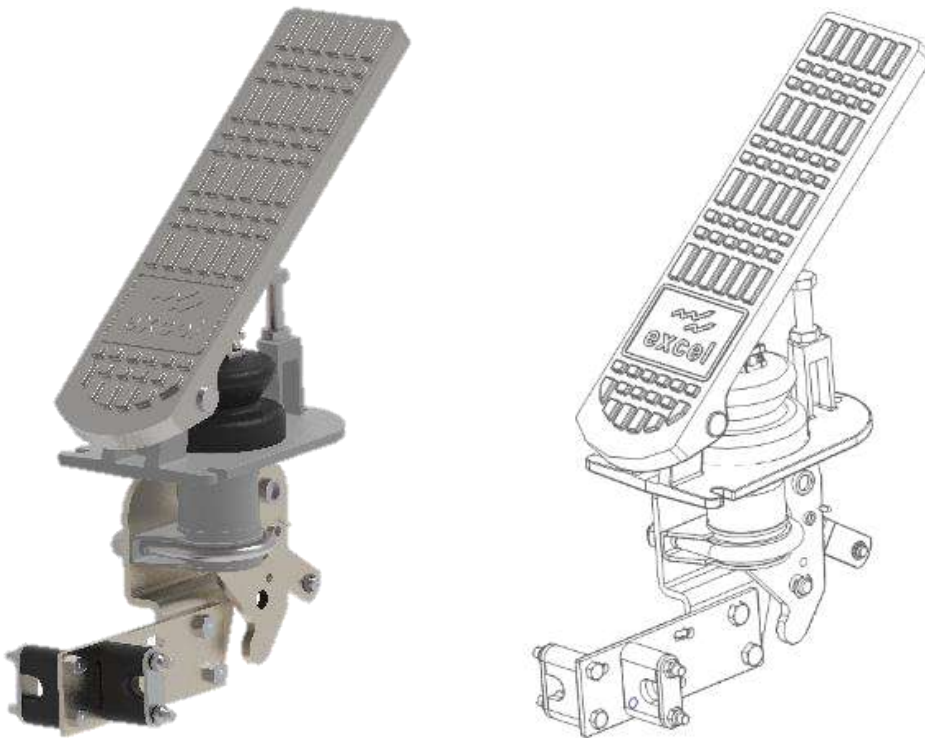
□ XFP-450



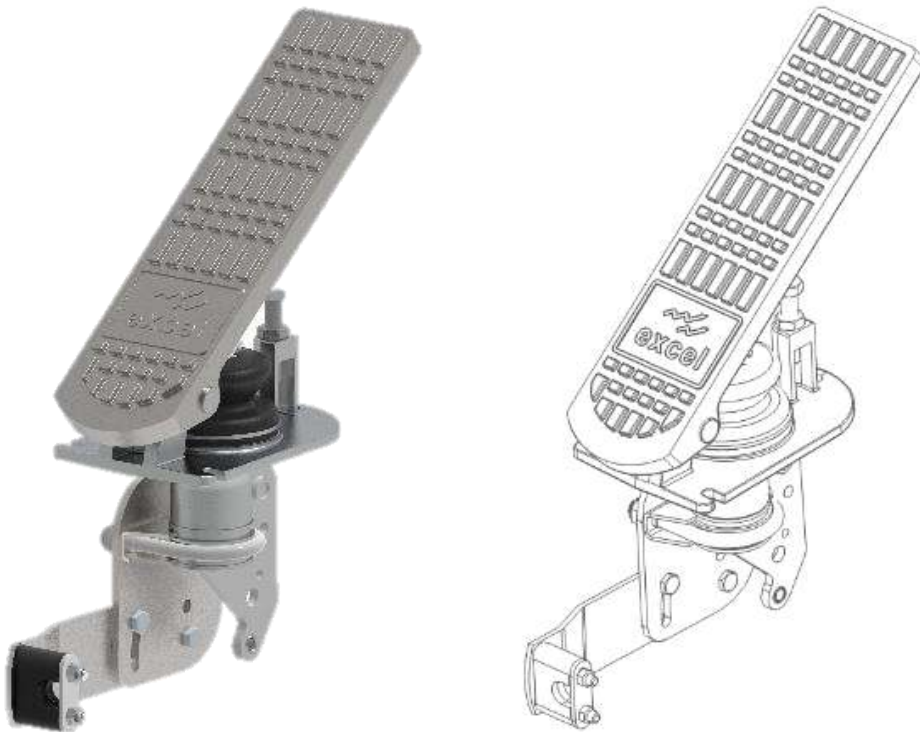
□ XFP-455



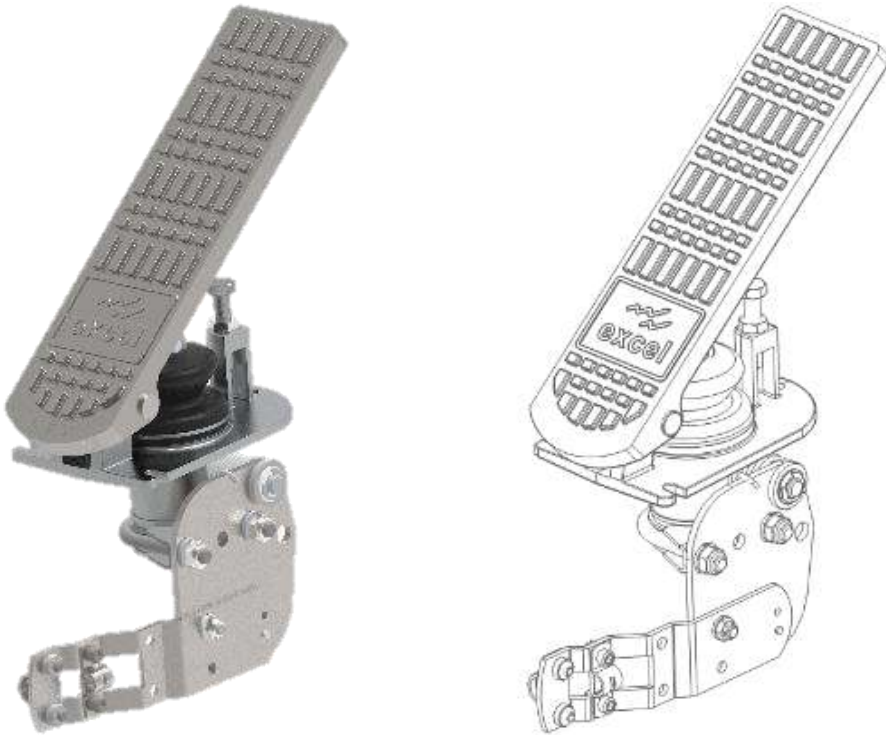
- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 34° of pedal travel equals 54mm of travel.
- ❑ Adjustable pedal angle.
- ❑ For use with single pull only throttle Cable.
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .



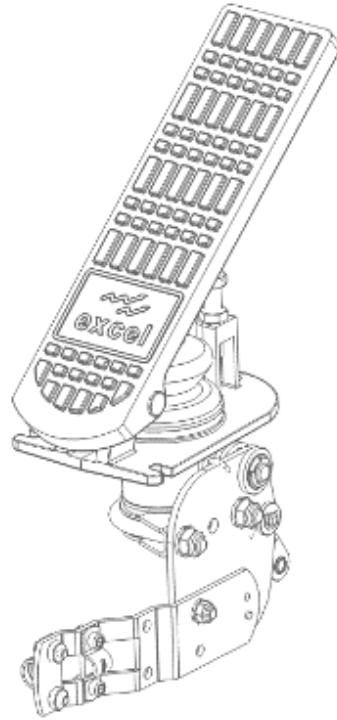
- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 34° of pedal travel equals 54mm of travel.
- ❑ Adjustable pedal angle.
- ❑ Throttle link & bracket to connect a hand throttle cable.
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .



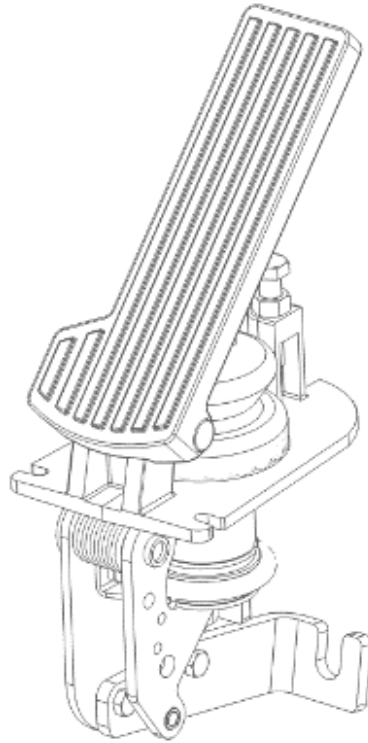
- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 23° of pedal travel equals 30mm of stroke.
- ❑ Adjustable pedal angle.
- ❑ Throttle link & bracket to connect a hand throttle cable.
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .



- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 18° of pedal travel equals 30mm of stroke.
- ❑ Adjustable pedal angle.
- ❑ Throttle link & bracket to connect a hand throttle cable
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .

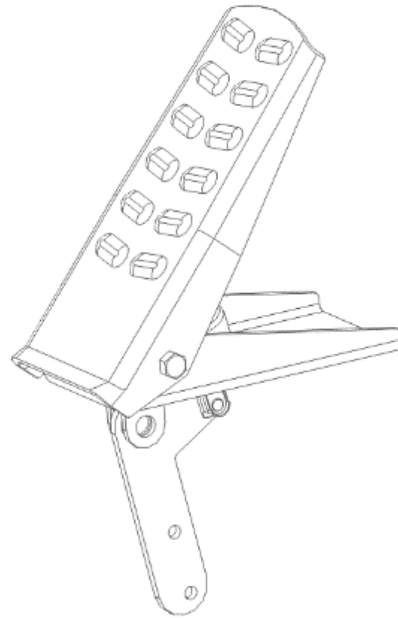


- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 18° of pedal travel equals 30mm of travel.
- ❑ Adjustable pedal angle.
- ❑ Throttle link & bracket to connect a hand throttle cable
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .

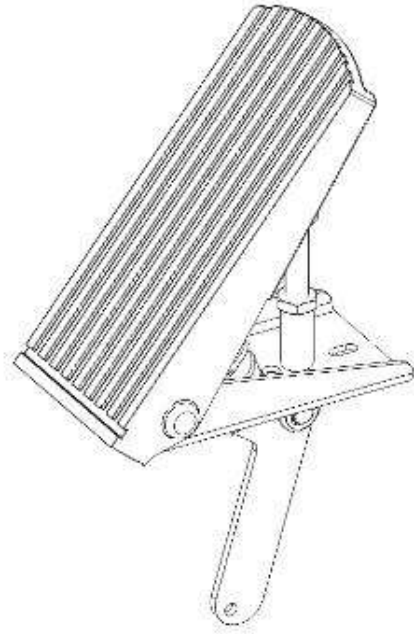


- ❑ Aluminum Alloy Accelerator Pedal.
- ❑ 18° of pedal travel equals 30mm of travel.
- ❑ Adjustable pedal angle.
- ❑ Throttle link & bracket to connect a hand throttle cable
- ❑ Idle return torsion spring.
- ❑ Throttle Cable exit adjustable through 360° .
- ❑ Cable mounting bracket adjustable through 30° .

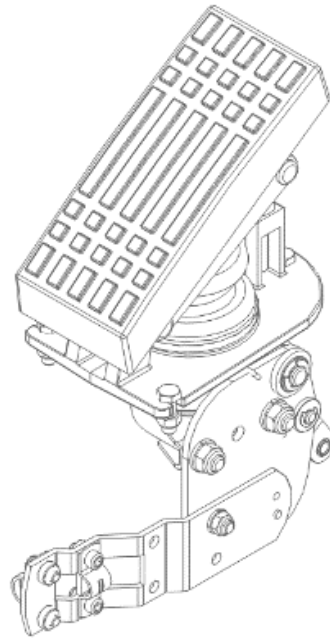




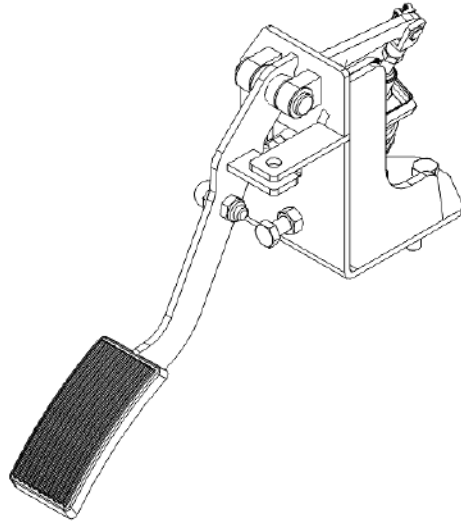
- ❑ Compact & economical pressed steel Accelerator Pedal.
- ❑ Max Travel 70mm.
- ❑ Multiple floor mounting holes are built in.
- ❑ For use with single pull only throttle cables.
- ❑ Idle position return torsion spring.
- ❑ Embossed pedal surface.



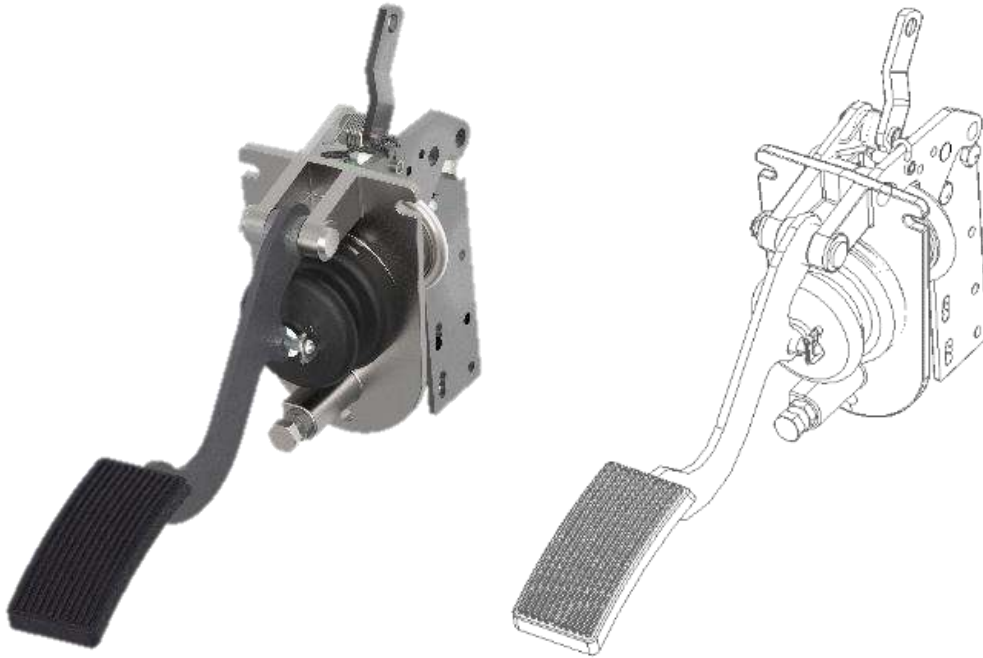
- ❑ Compact & economical pressed steel Accelerator Pedal.
- ❑ Max Travel 70mm.
- ❑ Multiple floor mounting holes are built in.
- ❑ For use with single pull only throttle cables.
- ❑ Idle position return torsion spring.
- ❑ Anti-Skid Rubber Grip Foot Pedal.



- Aluminum Alloy Accelerator Pedal.
- 9° of pedal travel equals 48mm of travel.
- Adjustable pedal angle.
- Throttle link & bracket to connect a hand throttle cable
- Idle return torsion spring.
- Throttle Cable exit adjustable through 360° .
- Cable mounting bracket adjustable through 30° .



- Suspended Acc. Pedal.**
- Compact & Economical Pressed Steel.**
- Max. Travel : 50MM.**
- Customized Mounting Holes Are Possible.**

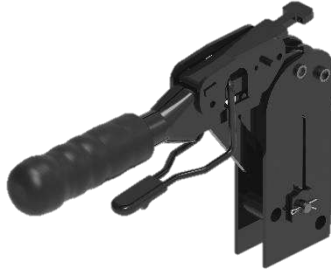


- Suspended Acc. Pedal.
- Aluminum Alloy Mtg. and sheetmetal arm with plastic footrest.
- 18° of pedal travel equals 30mm of travel.
- Adjustable pedal angle.
- For use with single pull only throttle Cable.
- Idle return torsion spring.
- Throttle Cable exit vertically downwards .
- Cable mounting bracket adjustable through 30° .

# PARK BRAKE LEVERS:



□ XPB-102



□ XPB-105



□ XPB-110



□ XPB-008



□ XPB-009



□ XPB-028



□ XPB-205



□ XPB-200



□ XPB-210



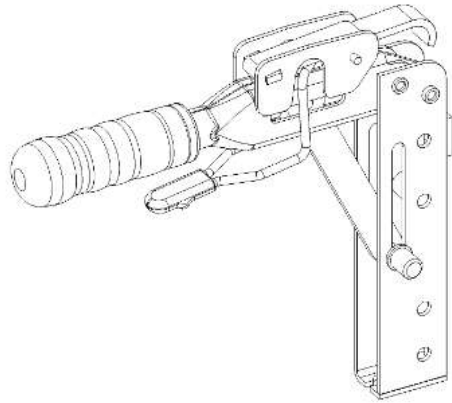
□ XPB-220



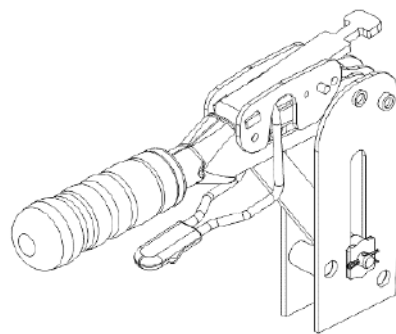
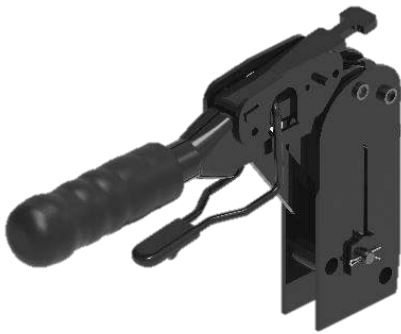
□ XPB-230



□ XPB-120

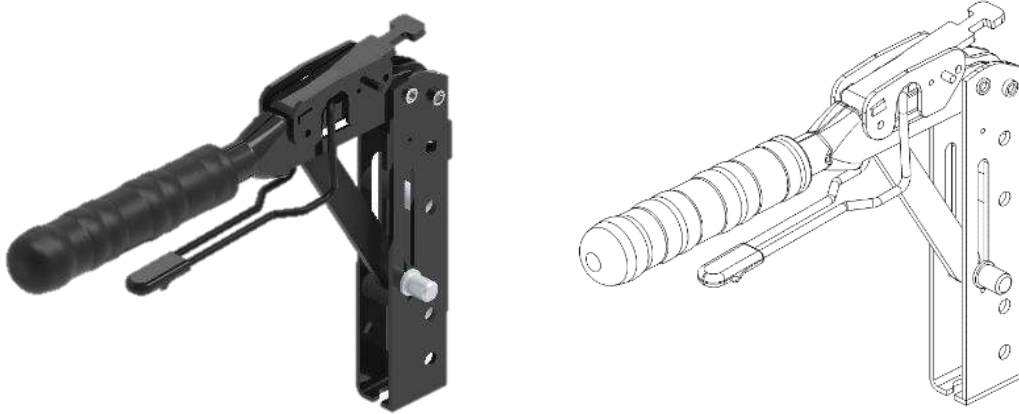


- Over Center Park Brake Lever With Safety Latch mechanism.
- Available with Flange/Side mount option.
- Maximum travel 50mm.
- Travel and cable tension are adjustable.
- Adjustable knob allows compensation for system wear.

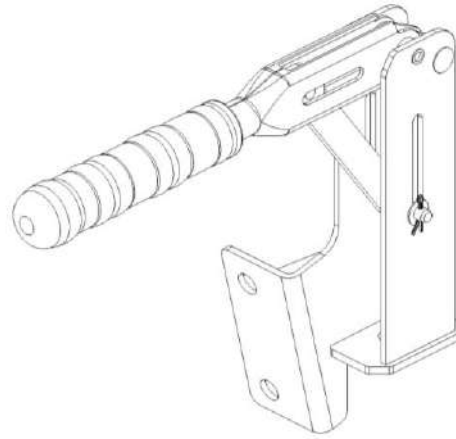


- Over Center Park Brake Lever With Safety Latch mechanism.
- Available with Flange/Side mount option.
- Optional rubber grip.
- Maximum travel 56mm
- Travel and cable tension are adjustable
- Adjustable knob allows compensation for system wear.

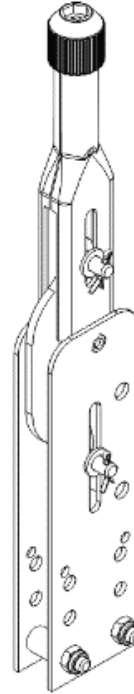




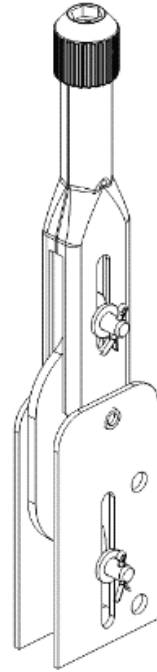
- Over Center Park Brake Lever With Safety Latch mechanism.
- Available with Flange/Side mount option.
- Optional rubber grip.
- Maximum travel 56mm
- Travel and cable tension are adjustable
- Adjustable knob allows compensation for system wear.



- Over Center Park Brake Lever.
- Maximum travel 50mm.
- Travel and cable tension are adjustable.
- Adjustable knob allows compensation for system wear.
- Flange mounted.



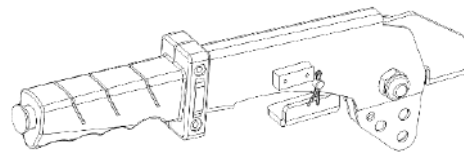
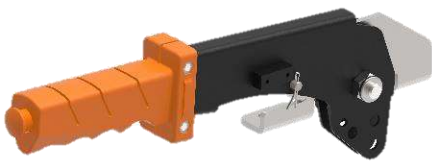
- Over Center Park Brake Lever.
- 64mm Side Plates, Side Mount.
- 3 sets of Cable clamp mountings.
- Maximum travel 56mm
- Travel and cable tension are adjustable
- Adjustable knob allows compensation for system wear.



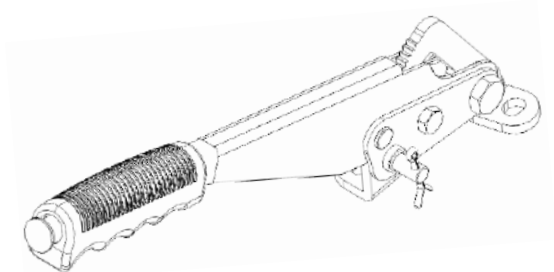
- Over Center Park Brake Lever.
- 64mm Side Plates, side mount.
- No Cable support.
- Maximum travel 56mm
- Travel and cable tension are adjustable
- Adjustable knob allows compensation for system wear.



- Over Center Park Brake Lever.
- 38mm Side Plates, side mount.
- 2 sets of side mounting holes.
- Maximum travel 56mm
- Travel and cable tension are adjustable
- Adjustable knob allows compensation for system wear.

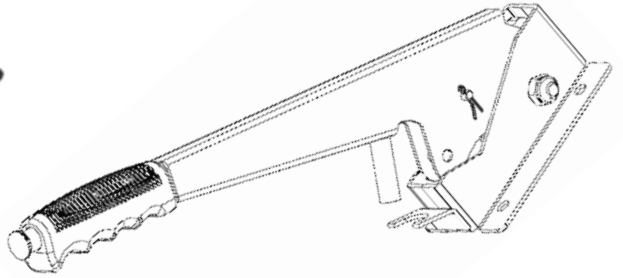
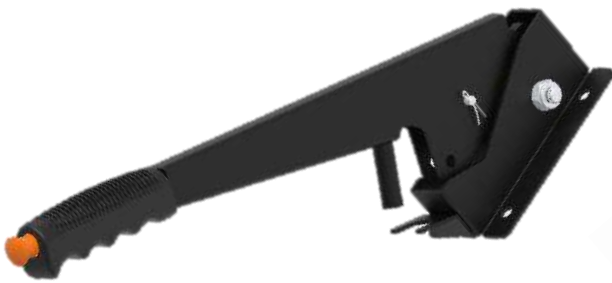


- Ratchet type parking brake lever.
- Travel : 28mm Max.
- Floor mounted.



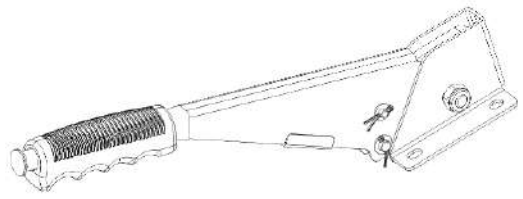
- Ratchet type parking brake lever.
- Travel : 35mm Max.
- Floor mounted.

# XPB 210

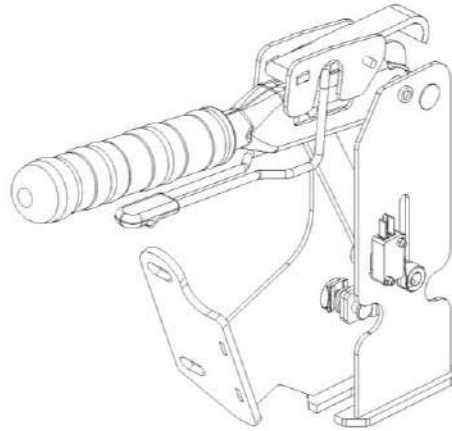


- Ratchet type parking brake lever.
- Travel : 50mm Max.
- Floor mounted.





- Ratchet type parking brake lever.
- Travel : 40mm Max.
- Floor mounted.



- ❑ Over Center Park Brake Lever With Safety Latch mechanism.
- ❑ Maximum travel 50mm.
- ❑ Travel and cable tension are adjustable.
- ❑ Adjustable knob allows compensation for system wear.
- ❑ Side mounted.

# BRAKE PEDALS :



□ XBP-100



□ XBP-110



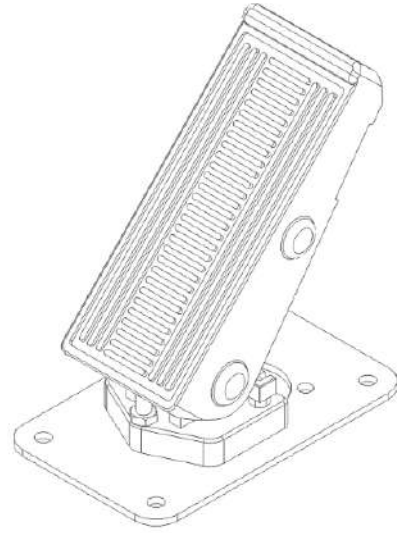
□ XBP-120



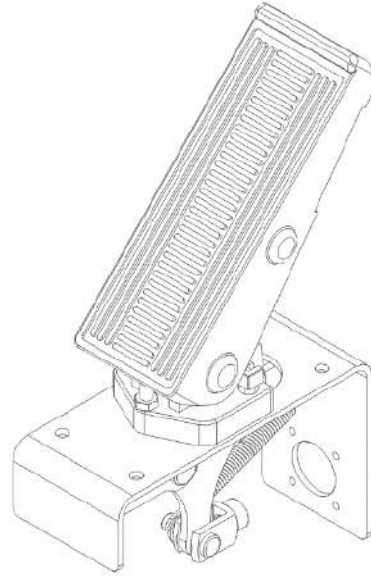
□ XBP-130



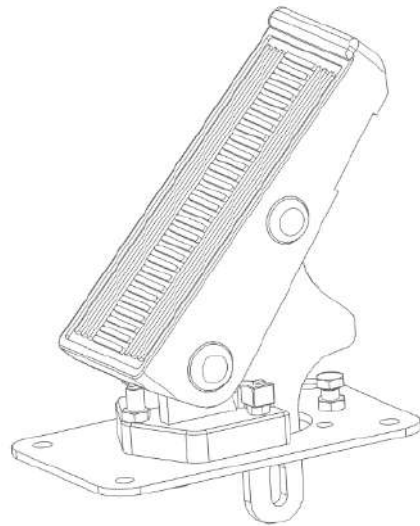
□ XBP-140



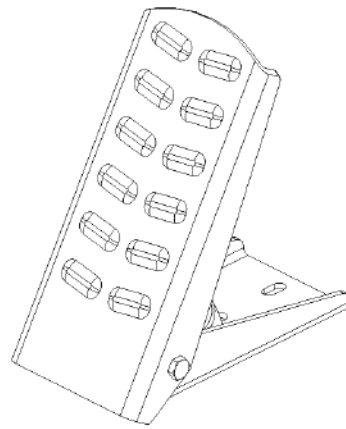
- ❑ **Anti-Skid Rubber Grip Brake Pedal.**
- ❑ **Max. Travel: 50 mm.**
- ❑ **Adjustable Pedal Angle.**



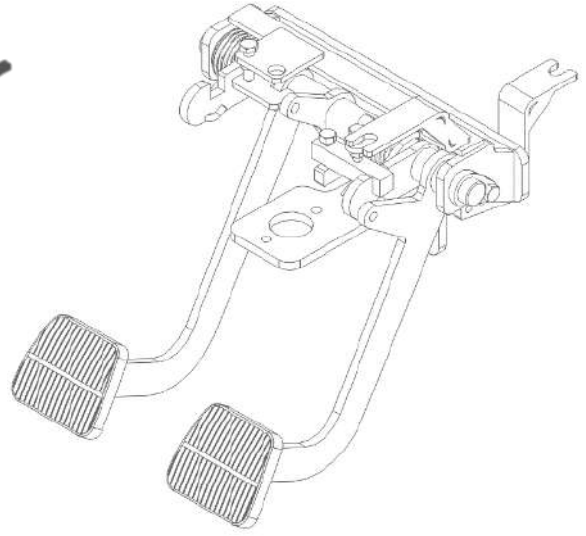
- ❑ **Anti-Skid Rubber Grip Brake Pedal.**
- ❑ **Max. Travel: 50 mm.**
- ❑ **Adjustable Pedal Angle.**



- ❑ **Anti-Skid Rubber Grip Brake Pedal.**
- ❑ **Max. Travel: 50 mm.**
- ❑ **Adjustable Pedal Angle.**



- Compact & economical pressed steel Brake Pedal.
- Max Travel 30 mm.
- Adjustable Pedal Angle.



- ❑ **Brake & Inching Pedal Assy.**
- ❑ **Max. Travel: 50 mm.**
- ❑ **Adjustable Pedal Angle.**
- ❑ **Application: Forklift**



# MANUAL TRANSMISSION SYSTEM:



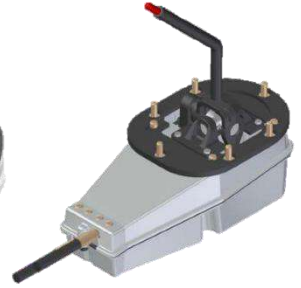
□ XGS-100



□ XGS-140



□ XGS-150



□ XGS-160



□ XGS-400



□ XGS-410



□ XGS-500



□ XGS-550



□ XGS-600



□ XGS-650



□ XGS-820



□ XGS-700



□ XGS-750



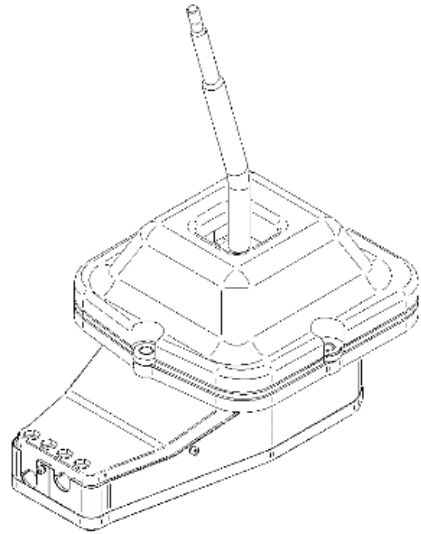
□ XGS-800



□ XGS-900



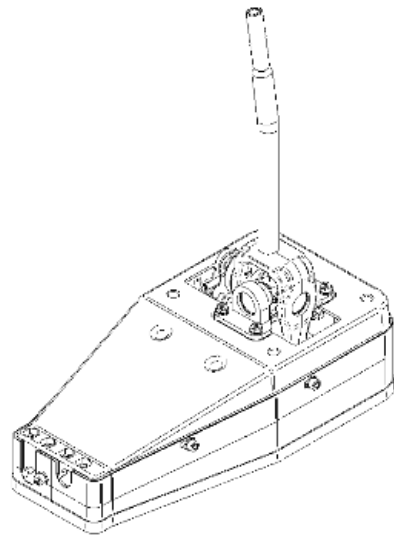
□ XGS-920



- Type : Horizontal
- Shift Travel Max : 56mm
- Select Travel Max : 60mm
- Away from Driver : Cable Push with GSL on driver's left side
- Front of Vehicle : Cable Pull with cable exiting to GSL towards vehicle front
- M.A. Shift : 3.6
- M.A. Select : 3.4

Note:- Considering lever height

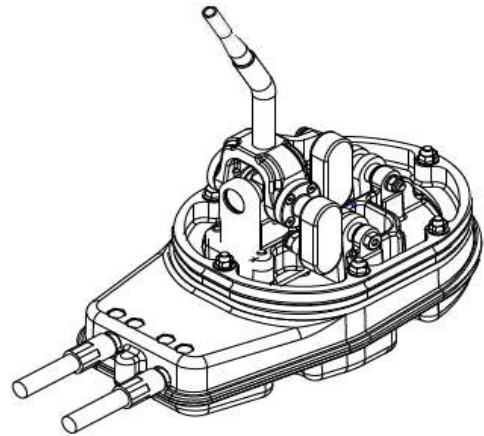
- 325mm Without Knob
- 384mm With Knob



- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Horizontal   |
| <input type="checkbox"/> Shift Travel Max  | : 64mm   |
| <input type="checkbox"/> Select Travel Max | : 70mm   |
| <input type="checkbox"/> Away from Driver  | : Cable Pull with GSL on driver's left side                  |
| <input type="checkbox"/> Front of Vehicle  | : Cable Pull with cable exiting to GSL towards vehicle front |
| <input type="checkbox"/> M.A. Shift        | : 4.4  |
| <input type="checkbox"/> M.A. Select       | : 5.5  |

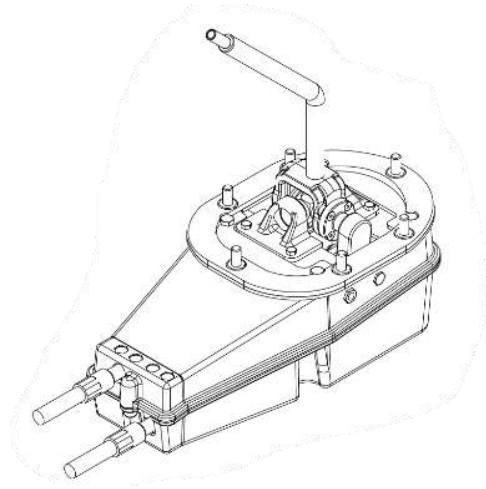
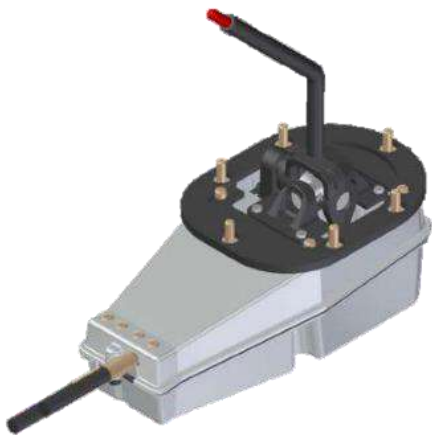
Note:- Considering lever height

- 302mm Without Knob
- 370mm With Knob



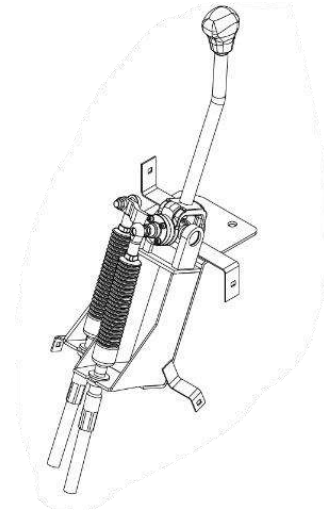
- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Horizontal   |
| <input type="checkbox"/> Shift Travel Max  | : 70mm   |
| <input type="checkbox"/> Select Travel Max | : 64mm   |
| <input type="checkbox"/> Away from Driver  | : Cable Pull with GSL on driver's left side                  |
| <input type="checkbox"/> Front of Vehicle  | : Cable Push with cable exiting to GSL towards vehicle front |
| <input type="checkbox"/> M.A. Shift        | : 2.0  |
| <input type="checkbox"/> M.A. Select       | : 1.9  |

Note:- Considering lever height - 224mm.



- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Horizontal   |
| <input type="checkbox"/> Shift Travel Max  | : 64 mm  |
| <input type="checkbox"/> Select Travel Max | : 70 mm  |
| <input type="checkbox"/> Away from Driver  | : Cable Pull with GSL on driver's left side                  |
| <input type="checkbox"/> Front of Vehicle  | : Cable Push with cable exiting to GSL towards vehicle front |
| <input type="checkbox"/> M.A. Shift        | : 4.4  |
| <input type="checkbox"/> M.A. Select       | : 2.7  |

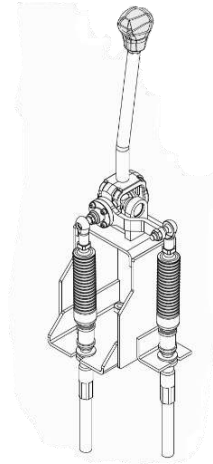
Note:- Considering lever height -



- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Vertical   |
| <input type="checkbox"/> Shift Travel Max  | : 70mm   |
| <input type="checkbox"/> Select Travel Max | : 74mm   |
| <input type="checkbox"/> Away from Driver  | : Cable Push with GSL on driver's left side                  |
| <input type="checkbox"/> Front of Vehicle  | : Cable Push with cable exiting to GSL towards vehicle front |
| <input type="checkbox"/> M.A. Shift        | : 3.2  |
| <input type="checkbox"/> M.A. Select       | : 3.1  |

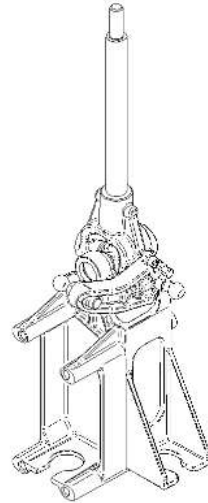
**Note:-** Considering lever height

- 278mm Without Knob
- 328mm With Knob



- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Vertical   |
| <input type="checkbox"/> Shift Travel Max  | : 70mm   |
| <input type="checkbox"/> Select Travel Max | : 80mm   |
| <input type="checkbox"/> Away from Driver  | : Cable Push with GSL on driver's left side                        |
| <input type="checkbox"/> Front of Vehicle  | : Cable Push with cable exiting to GSL towards rear of the vehicle |
| <input type="checkbox"/> M.A. Shift        | : 3.5  |
| <input type="checkbox"/> M.A. Select       | : 2.9  |

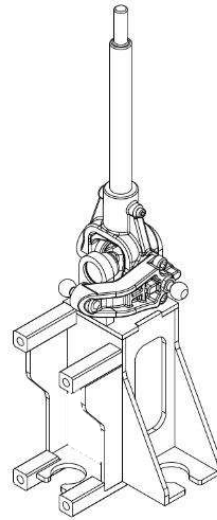
Note:- Considering lever height - 300mm (Approx.)



- Type : Vertical
- Shift Travel Max : 50mm
- Select Travel Max : 40mm
- M.A. Shift : 4.0 (Considering max. lever height 220mm.)
- M.A. Select : 3.7 (Considering max. lever height 220mm.)
- Housing : Aluminium HPDC alloy.
- Yoke & Side arm : Steel alloy.

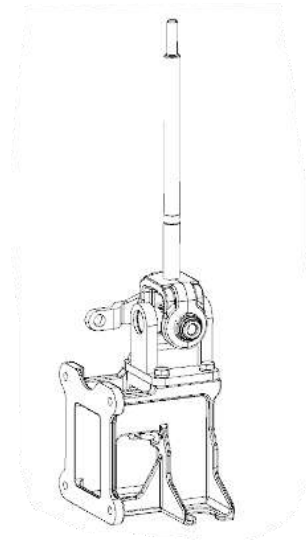
□ NOTE: Lever length is optional but should not be more than 220mm.





- Type : Vertical
- Shift Travel Max : 50mm
- Select Travel Max : 40mm
- M.A. Shift : 4.0 (Considering max. lever height 220mm.)
- M.A. Select : 3.7 (Considering max. lever height 220mm.)
- Housing : Sheet metal.
- Yoke & Side arm : Steel alloy.

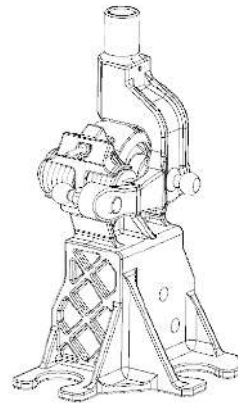
□ NOTE: Lever length is optional but should not be more than 220mm.



- |  |                         |
|--|-------------------------|
| <input type="checkbox"/> Type              | : Vertical              |
| <input type="checkbox"/> Shift Travel Max  | : 45 mm                 |
| <input type="checkbox"/> Select Travel Max | : 45 mm                 |
| <input type="checkbox"/> Housing           | : Cast Aluminium Alloy. |
| <input type="checkbox"/> Yoke              | : Aluminium alloy.      |
| <input type="checkbox"/> M.A. Shift        | : 4.4                   |
| <input type="checkbox"/> M.A. Select       | : 4.4                   |

Note:- Considering lever height

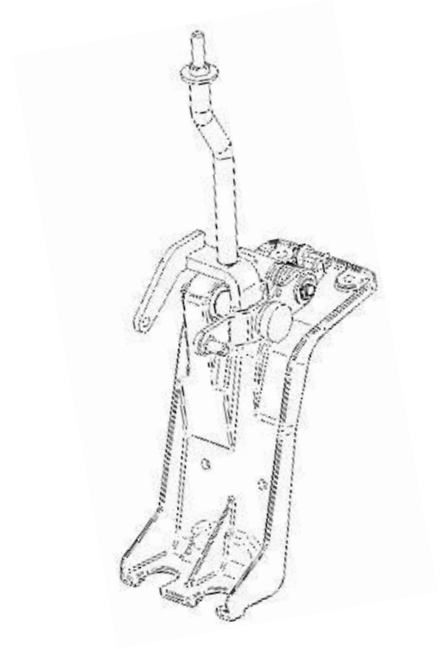
- 300mm Without Knob
- 350mm With Knob



- Type : Vertical
- Shift Travel Max : 50mm
- Select Travel Max : 40mm
- Housing : Aluminium HPDC alloy.
- Yoke & Side arm : Steel alloy.
- M.A. Shift :
- M.A. Select :

Note:- Considering lever height

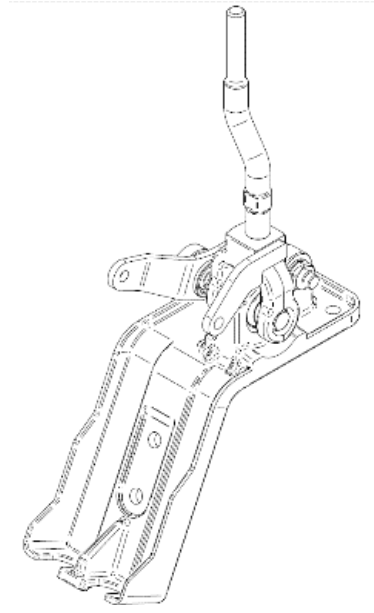
- mm Without Knob
- mm With Knob



- Type : Vertical/Hump Mount
- Shift Travel Max : 64 mm
- Select Travel Max : 64 mm
- Housing : Aluminium HPDC Alloy.
- Yoke & Side Arm : Pressed Steel.
- M.A. Shift : 4.0
- M.A. Select : 1.9

Note:- Considering lever height

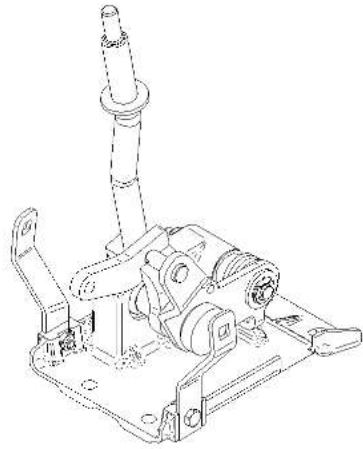
- 263mm Without Knob
- 307mm With Knob



- ❑ Type : Vertical/Hump Mount
- ❑ Shift Travel Max : 54 mm
- ❑ Select Travel Max : 56 mm
- ❑ Housing : Aluminium HPDC Alloy.
- ❑ Yoke & Side Arm : Pressed Steel.
- ❑ M.A. Shift : 4.0
- ❑ M.A. Select : 2.0

Note:- Considering lever height

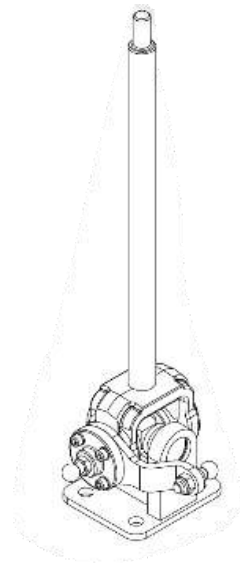
- 221mm Without Knob
- 286mm With Knob



- Type : Vertical
- Shift Travel Max : 70 mm
- Select Travel Max : 74 mm
- Away from Driver : C able Push with GSL on driver's left side
- Front of Vehicle : C able Push with cable exiting to GSL towards rear of the vehicle
  
- M.A. Shift : 4.2
- M.A. Select : 2.1

Note:- Considering lever height

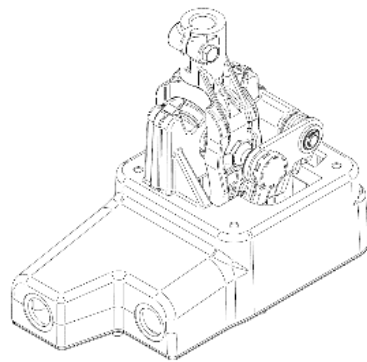
- 252mm Without Knob
- 302mm With Knob



- |  |  |
|--|--|
| <input type="checkbox"/> Type              | : Vertical   |
| <input type="checkbox"/> Shift Travel Max  | : 50 mm  |
| <input type="checkbox"/> Select Travel Max | : 40 mm  |
| <input type="checkbox"/> Away from Driver  | : Cable Push with GSL on driver's left side                          |
| <input type="checkbox"/> Front of Vehicle  | : C able Push with cable exiting to GSL towards rear of the vehicle. |
| <input type="checkbox"/> M.A. Shift        | : 4.9  |
| <input type="checkbox"/> M.A. Select       | : 5.3  |

Note:- Considering lever height

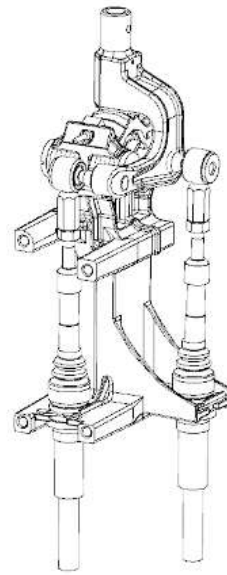
- 340mm Without Knob



- Type : Horizontal
- Shift Travel Max : 80 mm
- Select Travel Max : 52 mm
- Housing : Aluminium HPDC alloy.
- Yoke : Aluminium alloy.
- M.A. Shift : 4.0
- M.A. Select : 3.2

Note:- Considering lever height - 320mm





- |  |                         |
|--|-------------------------|
| <input type="checkbox"/> Type              | : Horizontal            |
| <input type="checkbox"/> Shift Travel Max  | : 80 mm                 |
| <input type="checkbox"/> Select Travel Max | : 52 mm                 |
| <input type="checkbox"/> Housing           | : Aluminium HPDC alloy. |
| <input type="checkbox"/> Yoke              | : Aluminium alloy.      |
| <input type="checkbox"/> M.A. Shift        | : 4.0                   |
| <input type="checkbox"/> M.A. Select       | : 3.2                   |

**Note:-** Lever length is optional but should not be more than 220mm.

Considering lever height - 273mm

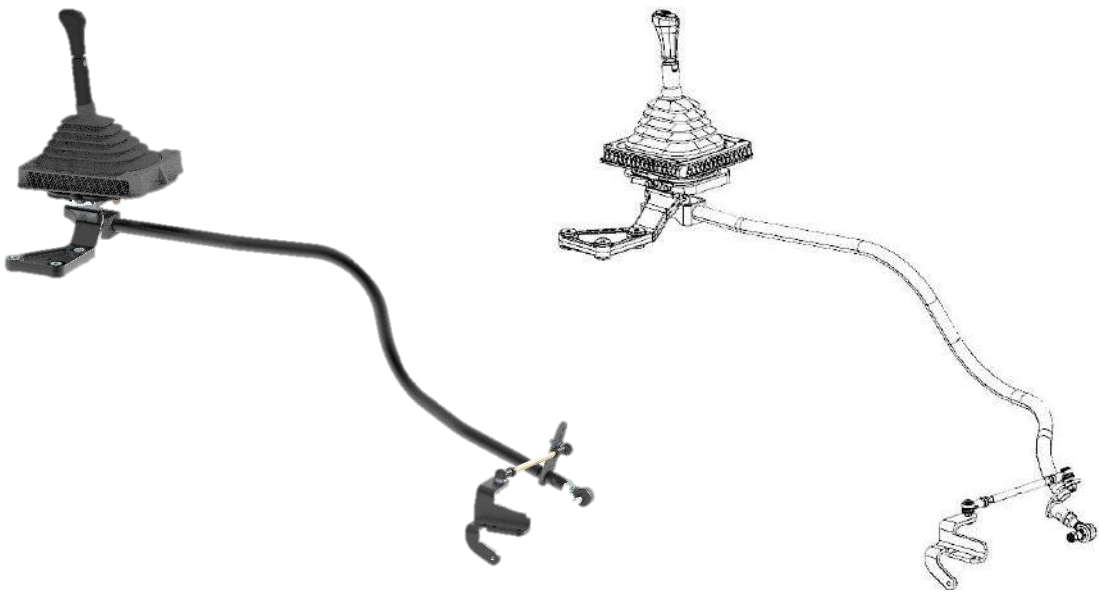
# SINGLE ROD GEAR SHIFT LINKAGE & TIE ROD LINKAGE:



□ XRG-100



□ TIE ROD



- ❑ Type : ROD GEAR SHIFT
- ❑ Shift Travel Max : 54 mm
- ❑ Max Selection Angle : 40°
- ❑ Rod Gear Shift Mechanism with Bellow & Cabin Sealing Option.
- ❑ High Strength Steel Used For Rod & Lever Assy.
- ❑ High Grade Engineering Rubber Material Used For Bellows.
- ❑ Customized Handle, Rod & Mounting Option is Possible.

# STEERING COLUMN:



□ XSC-100



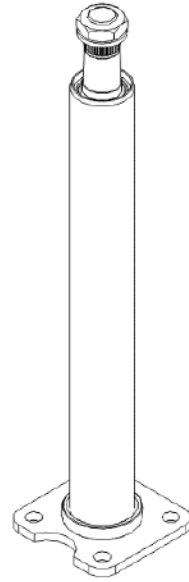
□ XSC-110



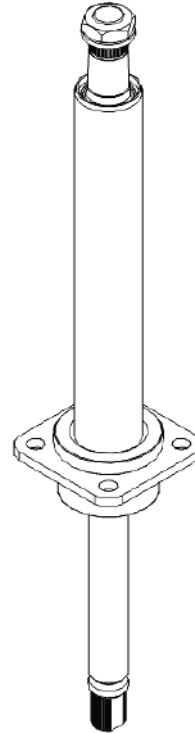
□ XSC-120



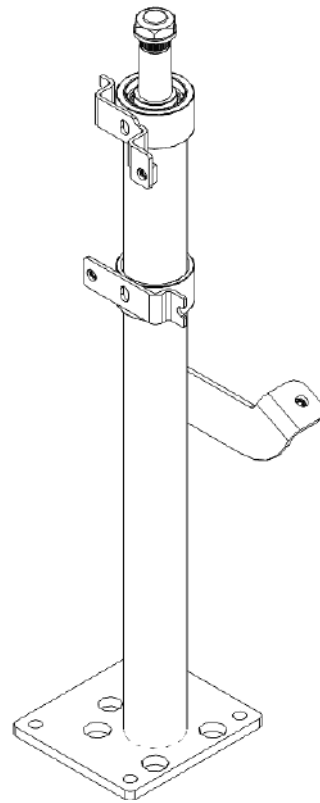
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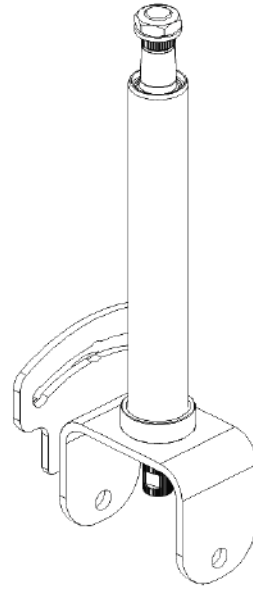
- High strength steel steering column.
- Customized mounting option is possible.
- Variable steering column length.
- Self-supported designs



- High strength steel steering column.
- Customized mounting option is possible.
- Variable steering column length.
- Self-supported designs
- Double bearing support for longer length.

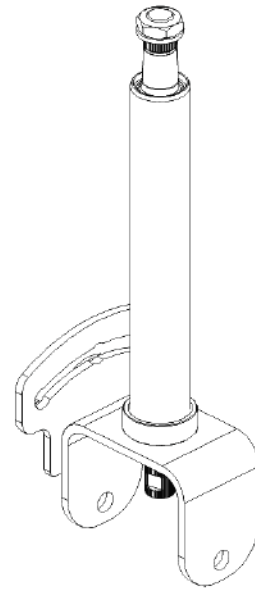


- High strength steel steering column.
- Customized mounting option is possible.
- Variable steering column length.
- Self-supported designs



- High Strength Steel Steering Column.
- Customized Mounting Option is Possible.
- Variable position of tilt.
- Variable angles for tilt function.
- Variable steering column length.





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- Customized Mounting Option is Possible.
- Variable position of tilt.
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