Kubota

# TILTROTATOR




# SMARTER WORK. MORE ANGLES.

## INTRODUCING THE KUBOTA TILTROTATOR

# TILTROTATOR

## SMARTER WORK. MORE ANGLES.



TILT AND ROTATION LET YOUR BUCKET GO EXACTLY WHERE YOU WANT IT WITHOUT REPOSITIONING OR RELYING ON A SECOND SET OF HANDS.

**WITH 360° CONTINUOUS ROTATION AND UP TO 2 X 50° TILT ANGLE, TURN YOUR MACHINE INTO A MULTIFUNCTIONAL ALL-ROUNDER, INCREASING THE FLEXIBILITY AND EFFICIENCY OF ALL YOUR ATTACHMENTS.**

# TILTROTATOR

## SMARTER WORK. MORE ANGLES.

## THE KUBOTA TILTROTATOR

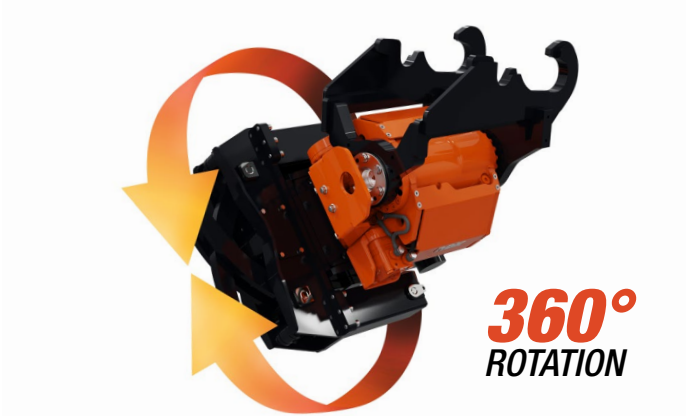
### UNLOCK THE FULL POTENTIAL OF YOUR KUBOTA EXCAVATOR

Boost productivity and versatility with Kubota's integrated tiltrotator solution. Purpose-built for Kubota excavators, this system combines 360° rotation and up to 50° tilt for unmatched flexibility in the field.

Get it all done from a single position, increasing your speed and accuracy while lowering manual labour. Its compact, cylinderless design is easy to service, made to last, and designed to integrate seamlessly with your machine.

If you've been looking for the smartest way to do more, this is it. Fewer resources. More control. Do it all from the seat of your machine with the Kubota Tiltrotator.

- Complete more tasks in less time
- Reduce machine repositioning
- Expand your machine's capabilities with a wide selection of attachments







With the Kubota Tiltrotator, you can handle complex tasks without repositioning.

**Applications:** Retaining Wall, Swimming Pool Construction, Septic Tank Installation, Golf Course Construction, Pond Clean Up, Forestry, Hard Scaping, Grading, Demolition, and more.

The Kubota Tiltrotator is engineered to integrate perfectly with select Kubota excavators, ensuring optimal performance and seamless operation. Choose the model that matches your machine.

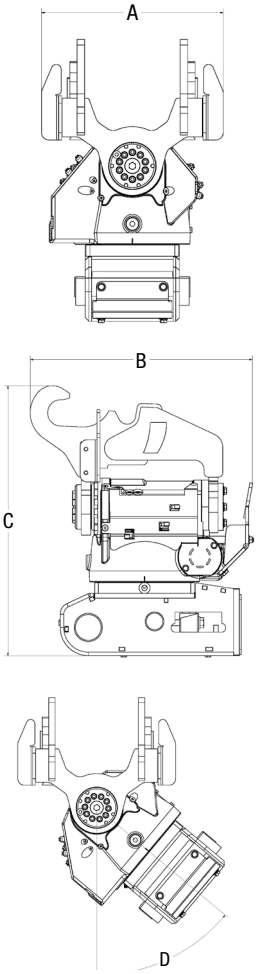
### COMPATIBLE MODELS AND SPECS

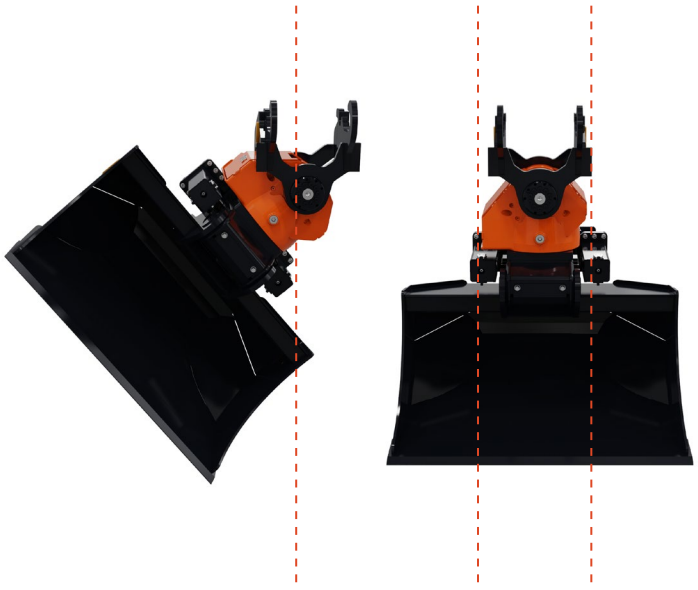
| Excavator Models | Tiltrotator | Upper Mounting Coupler - Wedge Coupler | | Gripper |
|---|---|---|---|---|
| | | Mechanical Coupler | Hydraulic Coupler | |
| KX040-5, U35-4 | K0313TR | X | X | Optional |
| U48-5, U55-5, KX057-5 | K0302TR | X | X | Optional |
| KX080-5 | K0400TR | X | X | Optional |

# TILTROTATOR

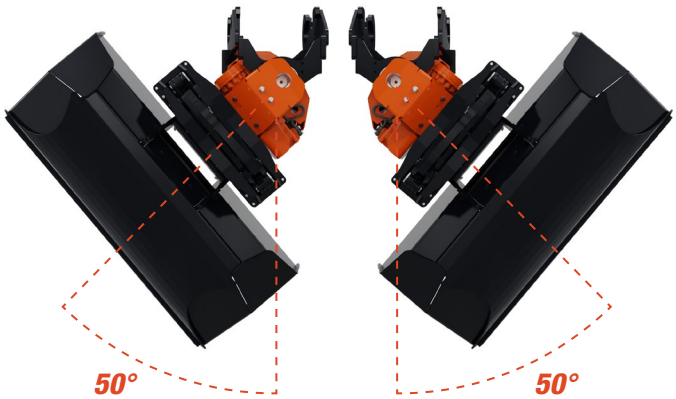
## SMARTER WORK. MORE ANGLES.

| Specsheet | | | | |
|---|---|---|---|---|
| | | **K0313TR** | **K0302TR** | **K0400TR** |
| | Machine | KX040-5, U35-4 | U48-5, U55-5, KX057-5 | KX080-5 |
| A | Overall width inch (mm) w/o Gripper | 19.38 (492.3) | 19.51 (495.6) | 22.45 (570.2) |
| B | Overall length inch (mm) w/o Gripper | 21.97 (558.0) | 23.74 (602.9) | 27.24 (691.9) |
| C | Overall height inch (mm) w/o Gripper | 28.23 (717.0) | 28.71 (729.2) | 30.90 (784.9) |
| | Weight w/o Gripper lbs (kg) | 221 (100.2) | 488 (221.4) | 897 (406.9) |
| | Gripper | Optional | Optional | Optional |
| | Rotational Speed GPM (lpm) | 2.24 (8.5) | 2.24 (8.5) | 2.24 (8.5) |
| | Rotational Torque lbft (Nm) | 2803 (3800) | 3466 (4700) | 5531 (7500) |
| | Tilt Torque lbft (kNm) | - | 8113 (11) | 11800 (16) |
| D | Tilt Angle | 2*45° | 2*50° | 2*50° |
| | Max. Operating Pressure - PSI (MPa) | 3625 (25) | 3625 (25) | 3916 (27) |



No pivot point = High constant tilt torque




Maximum 50 degrees tilt angle

# TILTROTATOR

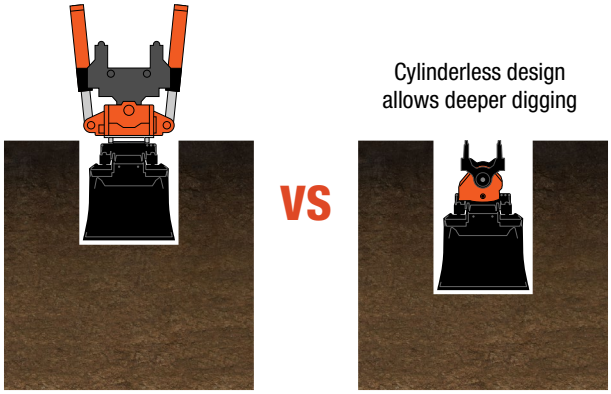
## SMARTER WORK. MORE ANGLES.

# FEWER HANDS. MORE CONTROL.

### CYLINDERLESS DESIGN

The cylinder-free, ultra-low-profile drive is designed with a slim width, allowing for greater maneuverability.

- Sleek profile and cylinderless design allow for greater digging depth and precision in tight spaces.
- Uniform, constant tilt torque without loss of performance, regardless of the swivel angle.
- Low-maintenance, oil-immersed rotation gear, minimal grease points.
- Compact and robust design without hydraulic cylinders lowers the risk of damage.
- Tilting angle of up to ±50°.




### QUALITY ENGINEERING

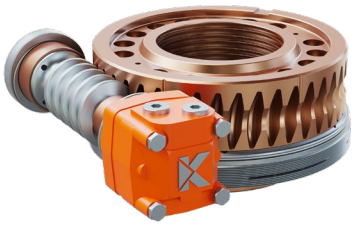
#### HOUSING

- High grade steel materials
- Hydraulics completely integrated
- Wear-resistant surface



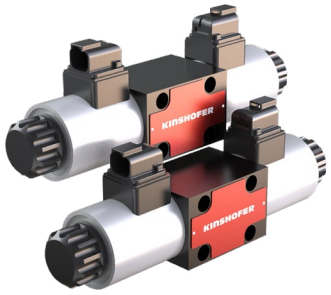
#### ROTATION UNIT

- Robust Oversize Worm Gear Design
- Easier maintenance
- Lubrication with gear oil



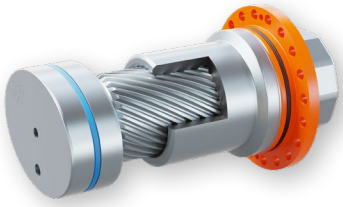
#### INDUSTRIAL VALVES

- All functions proportional
- High tolerance against dirt




#### HOLDING TORQUE

- Pilot check valve ensures a high holding torque
- Equipped with counter-balance valves, providing firm load holding in the desired position
- Consistent torque



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## COUPLER AND GRIPPER USABILITY



**Kubota Premium Wedge Coupler**

Available in mechanical and hydraulic coupler options. Allow easy removal of the tiltrotator when not in use. Quick switching to standard attachments without hassle.

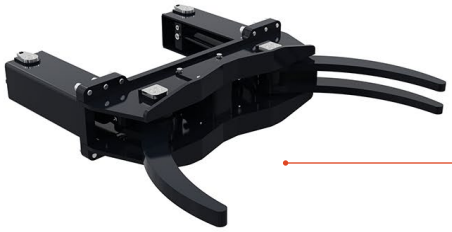



**Tiltrotator Unit**



**Lower Mounting Hydraulic Coupler**

Easily switch buckets and attachments without leaving the cab.



**Optional Gripper**

Hydraulic gripper adds versatility by enabling basic material handling tasks directly with the tiltrotator - it's like having two tools in one.

## CONTROL SYSTEM

### Touchscreen

- CAN Bus System adjustments on the touch screen
- Multiple attachment profiles
- 7" Colour display



### Joysticks

New ergonomic design replaces standard controls that put precision and comfort at your fingertips



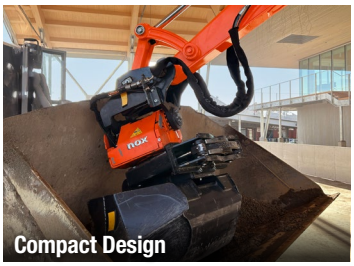


# TILTROTATOR

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## KUBOTA ADVANTAGES










## ATTACHMENTS

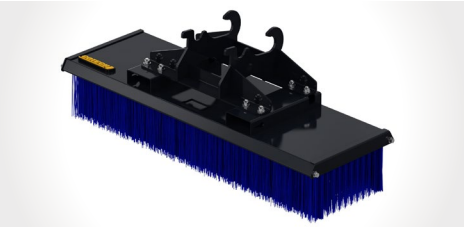
The Kubota Tiltrotator is designed to handle a wide range of attachments, making it a true multi-tool for any jobsite. Whether you're grading large surfaces, digging at challenging angles, sweeping debris, or handling materials, the tiltrotator provides seamless control and precision. Compatible with buckets, grading beams, grapples, pallet forks, asphalt cutters, and more, it allows operators to switch between tasks effortlessly, boosting productivity and reducing downtime. From fine finish work to heavy-duty applications, the right attachment is always just a quick change away.



Ditching Bucket



Trenching Bucket



Broom



Grading Beam



Pallet Fork



Hydraulic Pallet Fork



Asphalt Cutter



Construction Grapple



Multi Grapple



Finger Grapple

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PART: CE-TILTROTATORENG