

COMPACTTILT™

COMPACTTILT™ ROTATOR™



COMPACTTILT™

A man in a dark blue zip-up jacket and high-visibility yellow and black work pants stands next to an excavator. The excavator's arm is orange and black, with a red hydraulic hose. A black hydraulic cylinder with the 'COMPACTTILT' logo is mounted on the arm. The background shows a construction site with a road and some trees under a cloudy sky.

DEVELOPED IN COOPERATION WITH THE MACHINE OPERATORS

At Compacttilt, the vision is to create the market's most compact tilt and tiltrotator systems for excavators in class 0-10 tons, and has been developed to optimize digging in narrow trenches, minimize unnecessary earth movement – and at the same time, with a low weight and built-in height, the machine ensures that breaking forces and lifting capacity are maintained.

With a Compacttilt product, the machine's natural digging properties are expanded by adding flexibility to the machine's digging arm that streamlines the machine's operating hours in tasks such as planning, leveling, earth moving, digging and minimize the need for machine movement and manual tasks.

"I chose to try the Compacttilt™ CTR10 on my new excavator because I want a tiltrotator. The CTR10 has not disappointed me in any way. The plays well with my machine, and easily descends into narrow trenches. „

- Morten Sloth (Mejdal Entreprenørforretning ApS)

COMPACTTILT™ - DEVELOPED IN COOPERATION WITH THE MACHINE OPERATORS



What makes **COMPACTTILT™** an obvious choice for excavators

in the weight class 0-10 tons



Narrow design

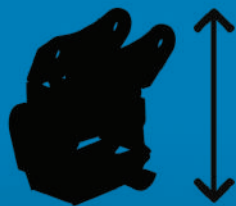
Compacttilt has been developed for working in narrow gutters and is equipped with compacttilt's patented motor a cylinder-free product. It ensures:

- No stamps that can "get stuck"
- Safe view of the work area from the cab
- Dig in narrow trenches and avoid unnecessary soil movement
- Easier access to the work zone which consists of many supplies – eg city zones

WITH CYLINDERS



WITHOUT CYLINDERS



AVERAGE SIZE
ON THE MARKET



AVERAGE SIZE
AT COMPACTTILT

Low installation height

With a compact design - and low installation height, the machine's inherent breaking forces are preserved and minimize the addition of unnecessary equipment weight.

Unique low weight

All Compacttilt products have a low net weight. At minimum product weight on tilt and tiltrotator, the excavator can effectively utilize its innate lifting capacity and strength excavation work.



Multiple tilt degrees

Compacttilt has 2x50° tilt degrees. With 2x50° degrees of tilt, full flexibility is achieved in the digging arm for versatile solutions construction work.



Open shielding

Compacttilt's products have an open shield. With an open screen, easy access is achieved to cleaning and maintenance of the product in a working environment with stones, gravel and soil.

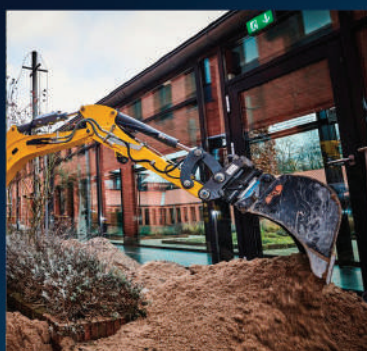


Compacttilt™ adds more features and better operating economy for the machine

Compacttilt™ has the market's smallest and narrowest tilt and tiltrotator products for construction machines in the 0-10T class. The weight of the equipment attached to the excavator is a primary factor in the maximum performance of the machine. Therefore it is important that the weight of the equipment is low, which is the case with all **Compacttilt™** products. All **Compacttilt™** products also have whole 2x50° tilt degrees.

All **Compacttilt™** products are developed to work in narrow trenches and under complex working conditions. If you choose with or without rotation on your **Compacttilt™** will be an assessment of what you want your machine to be able to do. **Compacttilt™** offers a solution for all machines and tasks.

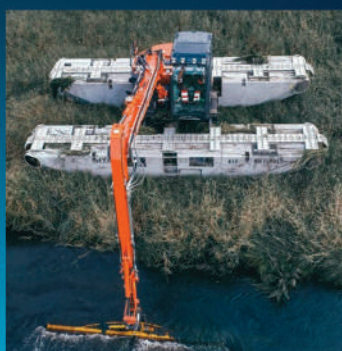
Compacttilt™ offers several advantages



For efficient excavation work



Suitable for work in narrow trenches



For versatile use of construction work



Narrow design



No stamps there can "get stuck"



Possibility for claw



For efficient planning work



Low weight - ideal when the entire length of the digging arm needs to be used

Select as needed

COMPACTTILT™

COMPACTTILT™
ROTATOR™

CT1 0-1,25T



CT2 Max 2,2T



CT3 Max 3T



CT6 Max 6T



CT10 Max 10T



CTR2 Max 2,2T



CTR3 Max 3T



CTR6 Max 6T



CTR10 Max 10T



Agriculture



Sewer work



Cable trenching



Construction work



Railway



Road work



New construction



Forestry

COMPACTTILT™

FOR EXCAVATORS FROM 0 - 10 TONS

Compacttilt™ is the market's most compact tilt - with an installation height of up to 40% lower than alternatives. With the low installation height, a sharp edge can be dug very close to the machine. **Compacttilt™** has a tilt angle of $2 \times 50^\circ$, which provides opportunities for versatile work. Your **Compacttilt™** is available with valve system and turning block set - for easy and efficient mounting on the machine.

No Cylinders

No cylinders and nothing there measures in addition to the machine's own attachment - saw the machine can come to where spaces are small and can work in narrow trenches.

Unique low weight

Unique low weight so the machine retains its natural strength and the bucket can be filled to max

The market's most compact tilt

The market's most compact tilt with an installation height of up to 40% lower than alternatives. With the low installation height, a sharp edge can be dug very close to the machine.

Shielding

Shielding for all exposed parts and nothing that goes beyond the machine's attachment.

Multiple tilt degrees

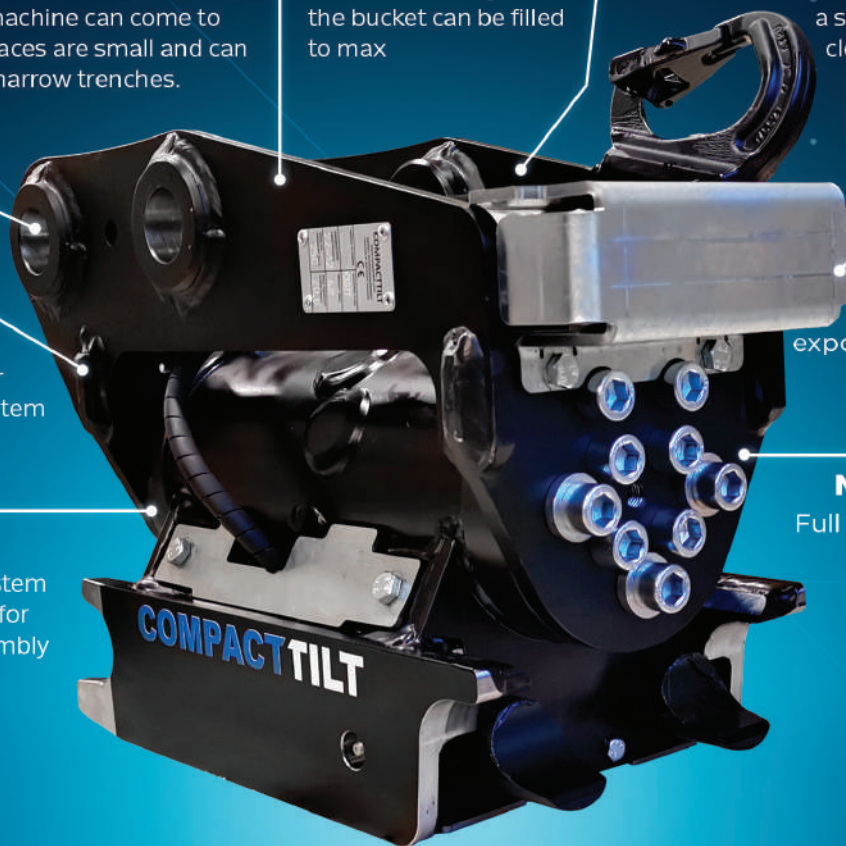
Full 100° tilt angle ($2 \times 50^\circ$) for versatile work.

Quick Coupler

Hydraulic quick coupler and pinlock locking system as standard.

Valve system

Available with valve system and turning block set - for easy and efficient assembly on the machine.



CT1 (0-1,25T)



Installation height
from 160mm

Width
148mm

Weight
15 kg

CT2 (Max 2,2T)



Installation height
from 170mm

Width
148mm

Weight
30 kg

CT3 (Max 3T)



Installation height
from 200mm

Width
198mm

Weight
48 kg

CT6 (Max 6T)



Installation height
from 235mm

Width
198mm

Weight
65 kg

CT10 (Max 10T)



Installation height
from 250mm

Width
288mm

Weight
95 kg

COMPACTTILT™ ROTATOR™

The **Compacttilt Rotator™** extends the machine's innate capabilities. With full rotation and 2x50° tilt degrees, **Compacttilt™** has been developed to optimize operations and improve the working environment for the machine operator. With Compacttilt's narrow design, the product has been developed for working in narrow trenches and working in complex conditions.

Unique patented Compacttilt™ motor

Our tiltrotator consists of a patented motor that creates a strong motor and a product with a minimal number of wearing parts.

Increased efficiency

It will be easy and efficient to change tools. In this way, there is no need to leave the cab and time is used efficiently.

Possibility of additional purchase of rotation sensor

With **Compacttilt Rotator™**, you can purchase a rotation sensor for all excavators in the weight class 1-10 Tons. With a rotation sensor on the machine's tiltrotator, the machine achieves full integration to the selected machine control.

Quick Coupler

Hydraulic quick change and pinlock locking system as standard.

Options for advanced control systems

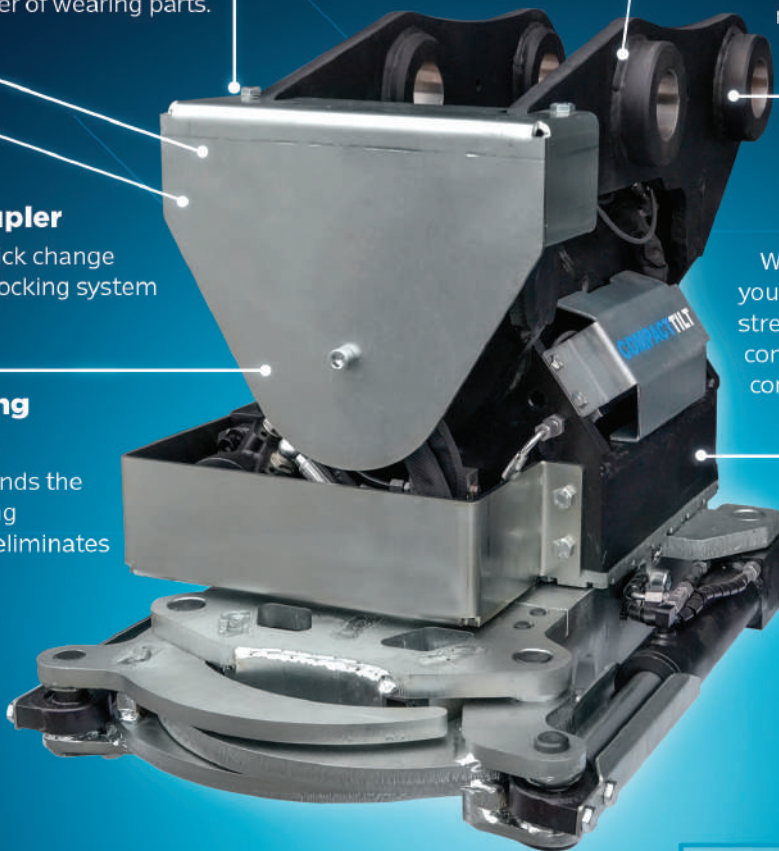
With a **Compacttilt HS2™** control system, you make your excavator more efficient and strengthen the integration in the machine's control. In this way, you achieve optimal control of the tiltrotator.

Better working environment

A tiltrotator expands the machine's digging capabilities and eliminates manual tasks.

Multiple tilt degrees

A full 100° tilt angle (2x50°) for versatile work, as well as 360° infinite rotation.



CTR2 (Max 2,2T)



Installation height
from 260mm

Width
253mm

Weight
from 65 kg

CTR3 (Max 3T)



Installation height
from 305mm

Width
285mm

Weight
from 92 kg

CTR3-3 (Max 3T)



Installation height
from 335mm

Width
280mm

Weight
from 102 kg

CTR6 (Max 6T)



Installation height
from 390mm

Width
w/o claw / S40 / H45,S45
360 / 400 / 490mm

Weight
from 175kg

CTR10 (Max 10T)



Installation height
from 450mm

Width
w. claw - w/o claw
490mm - 390mm

Weight
from 280kg

COMPACTTILT™ OFFERS ROTATION SENSOR

FOR ALL EXCAVATORS IN WEIGHT CLASS 1-10 TONS

Compacttilt™ Rotation sensor is Compacttilt's solution for connecting the communication between the tiltrotator and the machine control system. With the Compacttilt Rotation Sensor, your machine can be connected to the leading machine control manufacturers.

With this system, it becomes easier for the machine operator to:

- ✓ Dig correctly
- ✓ Make work more efficient
- ✓ Save time
- ✓ Save materials

CAN BE CONFIGURED WITH THE LEADING MACHINE CONTROL MANUFACTURERS



NEW 1

CT-OIL™

EFFICIENT WORKING TIME

CT-Oil™ is a new patented solution from **Compacttilt™**. **CT-Oil™** helps to save time on manual work when installing hydraulic accessories such as pile drill, grap and forest claw.

CT-Oil™ is a cost-effective automatic oil change system – developed to streamline the work of changing additional equipment.

CT-Oil™ is developed without electronics and with a focus on minimal wearing parts, and developed so that it is easy to visually inspect.

It is possible to use **CT-Oil™** with manual coupling as well – thus minimizing the investment in neck mounts for equipment that is rarely used.

CT-Oil™ can be mounted on most **CTR** configurations, and is independent of control system. **CT-Oil™** provides benefits such as:

- ✓ Automatic oil connection
- ✓ Fixed solution
- ✓ Easily accessible quick couplings
- ✓ Can be combined with different control systems



COMPACTTILT™ Joystick

More configuration options as well as better ergonomics and comfort

Compacttilt™ Joysticks are offered as an option for the Tiltrotator series. Compacttilt's joysticks have been created with consideration for the most optimal driving experience - and developed in collaboration with machine operators.

Compacttilt™ Joysticks contain good surface quality, where the handles achieve a comfortable grip. With Joystick, the machine achieves more functions in the control and the possibility to create user profiles. This allows you to set up the functions of the joystick according to the task or per user. In this way, the **Compacttilt™ Joysticks** also fall naturally into your hands.

Compacttilt™ HS2 Control System improves machine efficiency and ergonomics. You choose which functions within **HS2** your excavator should be equipped with. With **HS2**, full integration of the tiltrotator is achieved - and all functions can be controlled from the joystick.

WHY CHOOSE COMPACTTILT™ Joystick

- ✓ **Multifunctional** with room for buttons/rollers/toggles, on both front/back - gives control and makes work more efficient.
- ✓ **Easy to install** and fits the market's joystick bases - Provides a wide range of use options for the handle.
- ✓ **Can be customized** for great variety and configuration possibilities of scroll, button and switch functions.
- ✓ **Ergonomically designed** - reduces the risk of abrasion damage to the hand.
- ✓ **Textured surface** in rubber - Makes the handle easy to grip.
- ✓ **Possibility of optional extras** of hand support.



FEATURES ON ROLLS:

0 - Wheel steering, **1** - Tape control, **2** - Support leg/Dozer blade, **3** - Boom swing, **4** - Crack boom, **5** - Extra outlet on arm.

FUNCTIONS ON BUTTONS:

0 - *High Flow, **1** - AutoControl, **2** - Pressure change between 2 Rollers, **3** - Horn, **4** - Wiper, **5** - Walkie, **6** - Mute, **7** - Wheel steering

TECHNICAL SPECIFICATIONS

Find out more about the technical specifications of **COMPACTTILT™**

COMPACTTILT™

CT Data	 CT1	 CT2	 CT3	 CT6	 CT10
Guidance Max. Machine size [T]	1	2,2	3	6	10
Installation height from [mm]	160	170	200	235	250
Width [mm]	148	148	198	198	288
Length [mm]	174	200	313	302	372
Weight with quick coupler [without machine attachment] [kg]	from 13,5	from 21,5	from 36	from 53	from 82
Total tilt angle	100°	100°	100°	100°	100°
Tilt angle	2x50°	2x50°	2x50°	2x50°	2x50°
Max. Hydraulic pressure [MPa]	220	250	250	250	250
Hydraulic flow [L/min]	2-4	2-4	3-6	4-12	6-14
Pressure open/close pin-lock [kN]	-	0,6	1	1	1
Type of quick coupler	S30-150, S30-180, MH30	S30-150, S30-180, MH30	S40, CW05, HS03	S40, Hydrema, S45	Hydrema, S45

COMPACTTILT™ ROTATOR™

CTR Data	 CTR2	 CTR3	 CTR3-3	 CTR6	 CTR10
Guidance Max. Machine size [T]	2	3	3	6	10
Installation height from [mm]	260	305	335	390	450
Width [mm]	253	285	280	360 w/o. claw 400 w. S40 w. claw 490 w. H45/S45 w. claw	390 w/o. claw 490 w. claw
Extra Outlet	1(1/4")	1(3/8")	1(3/8")	3/8" for S40 1/2" for H45/S45	2 pcs w/o. claw 1 pcs w. claw (1/2")
Weight incl. machine attachment and valve block [kg]	from 65	from 92	from 102	from 175	from 280 w/o. claw from 320 w. claw
Degree of rotation	360°	360°	360°	360°	360°
Tilt angle	2x50°	2x50°	2x50°	2x50°	2x50°
Hydraulic system	HS2, HS4, HS8	HS4, HS6, HS8	HS2, HS4, HS8	HS2, HS4, HS8	HS8, HS4-HF, HS4, HS2, HS8-HF
Maks. Breaking torque [kNm]	12,3	20,6	20,6	31,1	38,4
Electrical system	12v	12v	12v	12v	12v/24v
Type of quick coupler	S30-150, S30-180, MH30	S40	S40	S40, S45 Hydrema	S45, Hydrema

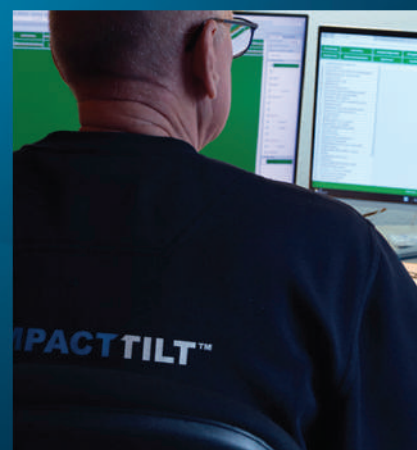
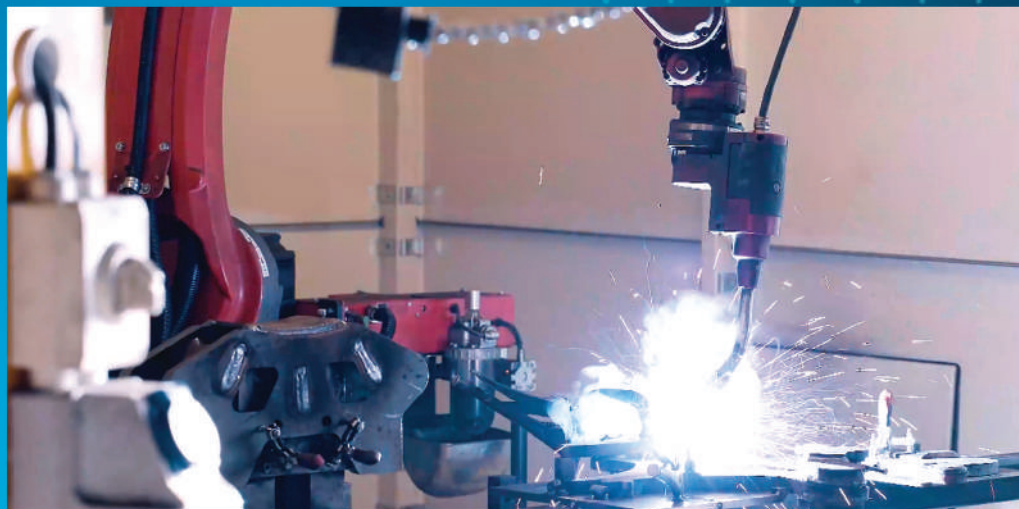
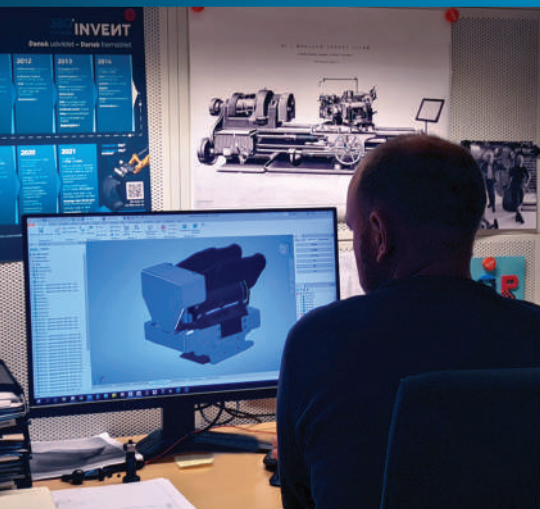
BEHIND COMPACTTILT™

Compacttilt™ is produced in Denmark - and has development and production under the same roof.

The company behind **Compacttilt™** is recognized for thinking simplicity into its products. It creates stable and efficient solutions.

It is with reference to this basic view that **Compacttilt™** was created at the request of a contractor who was looking for a tilt product that, in one solution, is capable of being stable, low weight, minimal width - and does not diminish the innate strength of the excavator. The result was the development of the ground-breaking CT motor which is the core of all CT products, based on new and patented technology.

At **Compacttilt™**, development is a strong part of the DNA, and in collaboration with the machine operators and the dealers' technical departments, **Compacttilt™** continuously develops and creates new products.



Compacttilt™ is sold by your machine dealer.

Do you have technical questions about our products? Contact your machine dealer and get answers to prices, product information and technical advice.

Become a part of
Compacttilt's forum:



You can see many
more pictures here:



Watch all movies from
Compacttilt™ here:



Link together
with our network:



**Goods receipt & Goods
delivery:**

Fabriksvej 3
DK-5580 Nørre Åby

**Office &
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COMPACTTILT™

- Developed in collaboration with the machine operators

