



GTR TILTROTATOR



OUR MISSION

GRYB wants to fundamentally transform the material handling industry into a customer driven experience, fueled through the needs and challenges of the global market.

Our mission is to develop the right product through the combined expertise of those who build and those who use. Together, we create solutions to support industries that are built to last.

GRYB is the very core of GRYB International. It is through the success of this business that the group went on and expanded into various other brands.

GRYB INTL

GRYB

BATEMAN

WINKLE

SHEAREX

SERCO
LOADERS

e-Trak
Technology Solutions

RADTECH
INNOVATION

DALKO
TECH

TABLE OF CONTENT

OVERVIEW

KEY FEATURES

MOUNT TYPES

ATTACHMENTS

TECH SPECS



GTR TILTROTATOR

Consider the GTR Tiltrotator as an extension to your machine's arm, providing the operator with the power to work with precision, agility, and efficiency. The GTR Tiltrotator excels on complicated jobs – it will transform your operations by delivering the highest productivity. Unlock endless possibilities with one of the most performant attachments on the market.

PRODUCTIVITY

Move your excavator less and change tools in seconds for maximum uptime.

ACCURACY

To enhance work efficiency, precision and control are necessary. Our secure coupler mechanism employs hydraulic power for all strenuous lifting and joining tasks.

VERSATILITY

Unlock endless possibilities with the GTR Tiltrotator's ability to rotate 360 degrees and tilt 40 degrees in every direction.

PROFITABILITY

There are no limits to what you can achieve, so aim high. With minimal effort and maximum output, save hours of operating time. Depending on operator experience, expect a return on investment in the first season of operation.

15%

**SAVINGS ON FUEL
WITH SIGNIFICANTLY
DECREASED MACHINE
TRACKING.**

30-40%

**INCREASE IN
PRODUCTIVITY.**

40 DEGREES OF TILTING

The GTR dual cylinders allows a movement of up to 40 degrees on every sides greatly increasing the versatility of the attachment.



360 DEGREES OF INFINITE ROTATION

The Tiltrotator offers you infinite possibilities. Turn your attachments in any direction to achieve the impossible.



ADVANCED CONTROL SYSTEM

Control your attachment with unparalleled precision with dual joystick controllers, a graphic touchscreen, optional track and wheel steering as well as multiple user profiles.



OPTIONAL GRIP MODULE

Increase your efficiency by adding the grip module to your tiltrotator. Move your buckets, small objects and other pieces of equipment.



3D GRADE CONTROL GATEWAY

Optional machine control integration systems can bring the Tiltrotator's tilt and rotation sensors into your machines 2D/3D technology.

CENTRALIZED LUBRICATION SYSTEM

Reduces number of lubrication points, can be connected to the excavator's lubrication system (if available).

WHEEL/TRACK STEERING

Wheel-Track steering systems are also available for momentary control of these functions from the joysticks.

GREASE FILLED GEAR HOUSING

Enjoy reduced maintenance and improved performances with the grease filled gear housing.



The GTR Tiltrotator is by far the most versatile product in the GRYB attachment lineup, allowing you to expect a quick return on your investment.



REMI BEAUDOIN
CEO - GRYB International

GTR TILTROTATOR

MOUNT TYPES

The GTR Tiltrotators can be mounted differently according to your needs.



HARDLOCK® QUICK COUPLER

Switch attachments in a flash with the Hardlock® Quick Coupler which offers an added level of safety with double-locking devices, standard rear locking, and excentre locking system.



FAST CHANGE COUPLER

With the Fast Change Coupler, stay in your cab at all times. It will bring maximum time savings to your business. The quick-release system can be combined with an FC Tiltrotator, making it easy to connect and disconnect without having to manually attach hoses.

1 SANDWICH METHOD

With the Hardlock® Quick Coupler or Fast Change Coupler

2 DIRECT FIT



GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



GRADING BUCKET

- Minimized corners that provide a better clearance during the tiltrotator's rotation.
- Optimized material selection to lower weight without compromising durability.
- Available with a optional bolt-on cutting edge bucket.



DIGGING BUCKET

- Optimized manufacturing material selection to lower weight without compromising durability.
- Pre-drilled holes ready for bolt-on side cutters.
- Optional rear wear plates made of abrasion-resistant AR500 steel.
- Available in multiple tooth configurations and with optional side cutters.



TRENCH BUCKET

- Dig deep trenches while keeping your machine above the surface level.
- Optimized material selection to lower weight without compromising durability.
- Back wear plates made of abrasion resistant AR500 steel.



FAST CHANGE TOP PLATE

- Flexible and robust.
- Mount different tools and attachments.
- Designed for the Nordic market.



ASPHALT CUTTER

- Ultimate tool to break difficult terrain before digging or trenching.



SORTING GRAPPLE

- Suited for use in building and construction sites and recycling.
- Load retention valve and piston accumulator integrated with the hydraulic system.
- Very stable.
- Close tip to tip.



CONSTRUCTION GRAPPLE

- Perfect tool to widen the range of operation available with the Tiltrotator.
- High clamping force.

GRADING BEAM

- Powerful tool for grading smaller jobs such as driveways and trails.

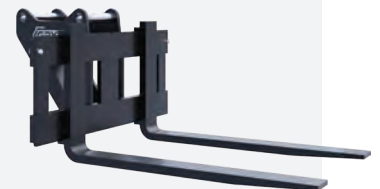


RIPPER

- Provides superior digging force.
- Interchangeable tooth for minimal maintenance.

PALLET FORK

- Increase your versatility and flexibility with the combination of the Pallet Fork and the Tiltrotator.



SEE COMPLETE PRODUCTS SPECS ON PAGE 12.

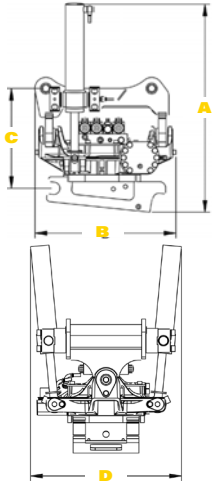


G T R T I L T R O T A T O R

PRODUCT AND COMPATIBLE ATTACHMENTS SPECIFICATIONS

GTR TILTROTATOR

SPECIFICATIONS



GTR04

For 2 to 4 tons excavators



GTR06

For 3 to 6 tons excavators



GTR10

For 6 to 10 tons excavators

Approx. Weight LBS	216	331	518
Fit	Direct Fit/ S40 S Lock	Direct Fit/ S40 S Lock	Direct Fit/ S45 Hardlock or FC45 [†]
Dimensions* A / B / C / D IN	28 / 18 / 13 / 17	28 / 19 / 14 / 16	34 / 23 / 17 / 24
Recommended Max. Oil Flow GPM	16	21	26
Max. Working Pressure PSI	3,046	3,046	3,046
Tilt Torque AT 3000 PSI, 21 MPA LBS/FT	2,876	9,072	18,660
Rotation Speed SEC/ROTATION	7	7	7
Turn Torque LBS/FT	2,213	3,687	3,687
Max. breakout torque LBS/FT	23,602	32,453	55,317
Max. breakout force LBS	8,992	11,241	15,737
Recommended Max. Bucket Width LBS	42	52	56

*Dimensions may vary depending on configuration and options.

[†]Available in 2024

GTR TILTROTATOR

SPECIFICATIONS



GTR15

For 10 to 16 tons excavators



GTR18

For 14 to 18 tons excavators



GTR22

For 16 to 22 tons excavators



GTR28

For 22 to 30 tons excavators

816	1,080	1,367	1,653
Direct Fit/S60 Hardlock or FC60-5	Direct Fit/ S60 Hardlock or FC 60-5	Direct Fit/ S70 Hardlock or FC70	Direct Fit/ S70 Hardlock or FC70
36 / 29 / 18 / 26	36 / 30 / 20 / 32	39 / 33 / 24 / 33	43 / 40 / 26 / 34
26	32	32	32
3,046	3,046	3,046	3,046
25,151	33,928	38,353	39,091
7	7	7	7
5,162	4,425	5,162	5,162
105,471	136,449	169,639	228,644
24,729	29,225	33,722	40,466
60	72	80	80

GTR TILTROTATOR

COMPATIBLE COUPLERS



FAST CHANGE COUPLER

MODEL	ARMAMENT	ELECTRICAL CONNECTION	MACHINE WEIGHT TONS	LOCKING
HL-S60-FC	5X (2 X 3/8", 1 X 1/2", 2 X 3/4")	V14	10 to 19	Hydraulic
HL-S70-FC	5X (2 X 1/2", 3 X 3/4")	V14	20 to 29	Hydraulic
FC45*	3x3/8" and 2x1/2"	V14	5 to 10	Hydraulic

*Available in 2024



HARDLOCK® QUICK COUPLER

MODEL	MACHINE WEIGHT TONS	WEIGHT LBS	LOCKING
S40	2-6	77	Hydraulic
S45	5-12	198	Hydraulic
S60	12-18	170	Hydraulic
S70	17-25	320	Hydraulic



FC ADAPTER PLATE

MODEL	ATTACHMENT	MACHINE WEIGHT TONS
Simple plate	S45*	1-40
Simple plate	S60	1-40
Simple plate	S70	1-40
Simple plate	S80	1-40

*Available in 2024

GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



GRADING BUCKET WITH BEVELED CORNERS

MODEL	MACHINE WEIGHT TONS	WEIGHT* LBS	WIDTH IN	CAPACITY YD ³	GTR COMPAT.
GEF035-36C-S40	2.3 to 3.9	260	36	0.18	GTR04
GEF035-42C-S40	2.3 to 3.9	290	42	0.20	GTR04
GEF035-48C-S40	2.3 to 3.9	330	48	0.25	GTR04
GEF050-42D-S40	4 to 5.9	360	42	0.30	GTR06
GEF050-48D-S40	4 to 5.9	400	48	0.35	GTR06
GEF075-48D-S45	6 to 9.9	600	48	0.48	GTR10
GEF075-54E-S45	6 to 9.9	665	54	0.55	GTR10
GEF120-60E-S60	10 to 15	1,140	60	0.75	GTR15
GEF120-66F-S60	10 to 15	1,245	66	0.85	GTR15
GEF120-96G-S60	10 to 15	1,635	96	1.32	GTR15
GEF160-60F-S60	16 to 19	1,340	60	1.00	GTR18
GEF160-66G-S60	16 to 19	1,465	66	1.15	GTR18
GEF200-66G-S70	20 to 23	1,820	66	1.35	GTR22
GEF200-72G-S70	20 to 23	1,995	72	1.50	GTR22
GEF200-96I-S70	20 to 23	2,450	96	2.10	GTR22
GEF270-72H-S70	24 to 29	2,445	72	1.80	GTR28
GEF270-78H-S70	24 to 29	2,640	78	2.00	GTR28

*Weight may vary depending on teeth selection.



PALLET FORK

MODEL	MACHINE WEIGHT TONS	WEIGHT LBS	WIDTH IN	CAPACITY PER PAIR AT 24" LBS	FORK SIZE	GTR COMPAT.
FLI02-50LBD48-S40	2.3 to 5.9	650	50	5,500	5" X 1.5" X 48"	GTR04 - GTR06
FLI02-50LBD48-S45	6 to 9.9	690	50	5,500	5" X 1.5" X 48"	GTR10
FLI04-60LDE48-S60	10 to 19	1,370	60	12,600	6" X 2.0" X 48"	GTR15 - GTR18
FLI04-60LDE60-S60	10 to 19	1,425	60	12,600	6" X 2.0" X 60"	GTR15 - GTR18
FLI04-60LFE48-S70	20 to 29	1,555	60	21,100	6" X 2.5" X 48"	GTR22 - GTR28
FLI04-60LFE60-S70	20 to 29	1,610	60	21,100	6" X 2.5" X 60"	GTR22 - GTR28

GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



DIGGING BUCKET

MODEL	MACHINE WEIGHT TONS	TYPE	WEIGHT* LBS	WIDTH IN	CAPACITY YD ³	NUMBER OF TEETH
GED120-30E5-S60	10 to 15	HD	1125	32	0.7	5
GED120-30Z5-S60	10 to 15	SHD	1125	32	0.7	5
GED120-36F5-S60	10 to 15	HD	1225	38	0.85	5
GED120-36F6-S60	10 to 15	HD	1255	38	0.85	6
GED120-36Z5-S60	10 to 15	SHD	1225	38	0.85	5
GED120-36Z6-S60	10 to 15	SHD	1255	38	0.85	6
GED120-40F5-S60	10 to 15	HD	1290	42	1	5
GED120-40F6-S60	10 to 15	HD	1320	42	1	6
GED120-40Z5-S60	10 to 15	SHD	1290	42	1	5
GED120-40Z6-S60	10 to 15	SHD	1320	42	1	6
GED160-36F5-S60	16 to 19	HD	1470	38	0.95	5
GED160-36F6-S60	16 to 19	HD	1500	38	0.95	6
GED160-36Z5-S60	16 to 19	SHD	1470	38	0.95	5
GED160-36Z6-S60	16 to 19	SHD	1500	38	0.95	6
GED160-40G5-S60	16 to 19	HD	1555	42	1.1	5
GED160-40G6-S60	16 to 19	HD	1585	42	1.1	6
GED160-40Z5-S60	16 to 19	SHD	1555	42	1.1	5
GED160-40Z6-S60	16 to 19	SHD	1585	42	1.1	6
GED160-42G5-S60	16 to 19	HD	1600	44	1.15	5
GED160-42G6-S60	16 to 19	HD	1625	44	1.15	6
GED160-42G7-S60	16 to 19	HD	1650	44	1.15	7
GED160-42Z5-S60	16 to 19	SHD	1600	44	1.15	5
GED160-42Z6-S60	16 to 19	SHD	1625	44	1.15	6
GED160-42Z7-S60	16 to 19	SHD	1650	44	1.15	7
GED200-42G5-S70	20 to 23	HD	2055	45	1.3	5
GED200-42G6-S70	20 to 23	HD	2090	45	1.3	6
GED200-42Z5-S70	20 to 23	SHD	2055	45	1.3	5
GED200-42Z6-S70	20 to 23	SHD	2090	45	1.3	6
GED200-48H5-S70	20 to 23	HD	2210	51	1.55	5
GED200-48H6-S70	20 to 23	HD	2245	51	1.55	6
GED200-48Z5-S70	20 to 23	SHD	2210	51	1.55	5
GED200-48Z6-S70	20 to 23	SHD	2245	51	1.55	6
GED270-42G5-S70	24 to 29	HD	2495	45	1.5	5
GED270-42Z5-S70	24 to 29	SHD	2495	45	1.5	5

*Weight may vary depending on teeth selection.

GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



DIGGING BUCKET

MODEL	MACHINE WEIGHT TONS	TYPE	WEIGHT* LBS	WIDTH IN	CAPACITY YD ³	NUMBER OF TEETH
GED270-48H5-S70	24 to 29	HD	2675	51	1.75	5
GED270-48H6-S70	24 to 29	HD	2725	51	1.75	6
GED270-48Z5-S70	24 to 29	SHD	2675	51	1.75	5
GED270-48Z6-S70	24 to 29	SHD	2725	51	1.75	6
GED270-54H6-S70	24 to 29	HD	2900	57	2	6
GED270-54H7-S70	24 to 29	HD	2955	57	2	7
GED270-54Z6-S70	24 to 29	SHD	2900	57	2	6
GED270-54Z7-S70	24 to 29	SHD	2955	57	2	7

*Weight may vary depending on teeth selection.



GRADING BEAM

MODEL	MACHINE WEIGHT TONS	WEIGHT LBS	WIDTH IN	ROLLER DIA. IN	GTR COMPAT.
GBP060-S40	2.3 to 5.9	660	60	10.75	GTR04 - GTR06
GBP078-S40	2.3 to 5.9	850	78	10.75	GTR04 - GTR06
GBP078-S45	6 to 9.9	895	78	10.75	GTR10
GBP078-S60	10 to 19	980	78	10.75	GTR15 - GTR18
GBP096-S60	10 to 19	1,230	96	10.75	GTR15 - GTR18
GBP096-S70	20 to 29	1,380	96	10.75	GTR22 - GTR28
GBP108-S70	20 to 29	1,455	108	10.75	GTR22 - GTR28



ASPHALT CUTTER

MODEL	MACHINE WEIGHT TONS	AXLE DIA. MM	PULLEY IN	WEIGHT LBS	GTR COMPAT.
COA075-19D-S40	2.3 to 5.9	60	19	350	GTR04 - GTR06
COA075-19D-S45	6 to 9.9	60	19	370	GTR10
COA075-19D-S60	10 to 19	60	19	410	GTR15 - GTR18

GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



TRENCH BUCKET

MODEL	MACHINE WEIGHT TONS	WEIGHT* LBS	WIDTH IN	CAPACITY YD ³	NUMBER OF TEETH	GTR COMPAT.
GET035-12C0-S40	2.3 to 3.9	165	12	0.1	0	GTR04
GET035-12C3-S40	2.3 to 3.9	195	12	0.1	3	GTR04
GET050-14C0-S40	4 to 5.9	220	14	0.16	0	GTR06
GET050-14C3-S40	4 to 5.9	250	14	0.16	3	GTR06
GET075-14C0-S45	6 to 9.9	390	14	0.21	0	GTR10
GET075-14C3-S45	6 to 9.9	425	14	0.21	3	GTR10
GET075-16C0-S45	6 to 9.9	410	16	0.22	0	GTR10
GET075-16C3-S45	6 to 9.9	445	16	0.22	3	GTR10
GET120-16D0-S60	10 to 15	680	16	0.35	0	GTR15
GET120-16D3-S60	10 to 15	760	16	0.35	3	GTR15
GET120-20D0-S60	10 to 15	720	20	0.42	0	GTR15
GET120-20D3-S60	10 to 15	805	20	0.42	3	GTR15
GET160-18D0-S60	16 to 19	880	18	0.46	0	GTR18
GET160-18D3-S60	16 to 19	950	18	0.46	3	GTR18
GET200-24E0-S70	20 to 23	1,295	24	0.65	0	GTR22
GET200-24E3-S70	20 to 23	1,400	24	0.65	3	GTR22
GET270-26F0-S70	24 to 29	1,625	26	0.85	0	GTR28
GET270-26F3-S70	24 to 29	1,750	26	0.85	3	GTR28

*Weight may vary depending on teeth selection.



RIPPER

MODEL	MACHINE WEIGHT TONS	WEIGHT LBS	GTR COMPAT.
RIP3550-24L-S40	2.3 to 5.9	120	GTR04 - GTR06
RIP075-30L-S45	6 to 9.9	210	GTR10
RIP1216-36L-S60	10 to 19	470	GTR15 - GTR18
RIP200-42L-S70	20 to 23	760	GTR22
RIP270-44L-S70	24 to 29	960	GTR28

GTR TILTROTATOR

COMPATIBLE ATTACHMENTS



CONSTRUCTION GRAPPLE

MODEL		15	25	40	55	80
Max. Working Pressure	PSI	3,626	3,626	3,626	3,626	3,626
Tip Force, Tip to Tip	LBS	2,248	4,047	3,822	3,822	10,341
Opening Time at 18 GPM	S	0.4	0.8	1.1	1.7	3.6
Closing Time at 18 GPM	S	0.6	1.4	1.7	2.5	5.2
Length, Closed Grapple	IN	29.1	31.5	38.0	43.3	53.3
Max. Grapple Opening	IN	46.1	57.5	81.7	94.1	111.8
Max. Width	IN	15.6	20.1	21.7	21.7	31.5
Width, Outer Claw	IN	14.0	17.1	18.6	18.6	28.1
Height, Closed Grapple	IN	20.1	22.0	25.0	27.0	34.8
Height, Open Grapple	IN	27.0	28.5	25.8	28.5	37.0
Min. Load Diameter	IN	3.5	3.9	5.9	7.1	6.9
Load Area	FT ²	1.6	2.7	4.3	5.9	8.6
Max load	LBS	6,614	11,023	15,432	15,432	22,046
Weight	LBS	364	639	750	838	1,830



SORTING GRAPPLE

MODEL		15	25	40	55	80
Max. Working Pressure	PSI	3,626	3,626	3,626	3,626	3,626
Tip Force, Tip to Tip	LBS	2,023	4,046	3,821	3,821	10,341
Opening Time at 18 GPM	S	0.4	0.5	0.8	0.9	2.2
Closing Time at 18 GPM	S	0.7	0.8	1.4	1.6	3.5
Length, Closed Grapple	IN	28	30.3	35	39.8	48
Max. Grapple Opening	IN	55	59	79	92	104
Max. Width	IN	17.3	20	21.7	21.7	31.5
Width, Outer Claw	IN	16.7	20.5	20.5	35.4	47.2
Height, Closed Grapple	IN	27.8	31	34.7	38	50.8
Height, Open Grapple	IN	20.8	20.6	16.5	18.9	37
Min. Load Diameter	IN	14	20	23	25.5	26
Load Area	FT ²	1.3	1.8	2.3	2.9	5
Max load	LBS	3,000	5,000	7,000	7,000	10,000
Weight	LBS	441	705	838	1,301	2,425



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