



2023

BELTDRIVE SYSTEM



CYCLE DRIVE SYSTEMS



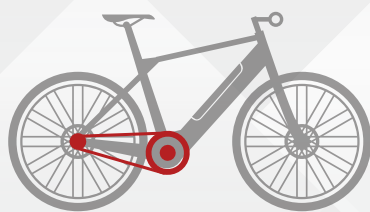
C Y C L E D R I V E S Y S T E M S



As demand has grown in this ideally drive-train systems for bicycles, the Cycle Drive team of dedicated design engineers have continued to research new materials and processes allowing us to pioneer the most cost-effective belt drive technology available for mass produced OEM bicycle manufacturers.

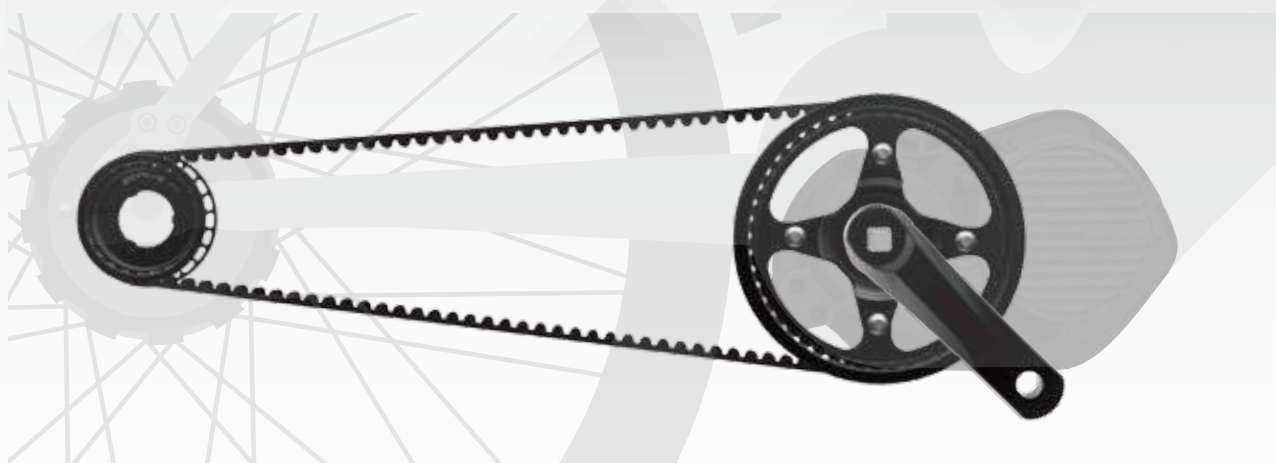
Effective design and engineering support ensures the successful integration of the CDRIVE belt drive system into production bicycles.





E-BIKE

STREAM SYSTEM



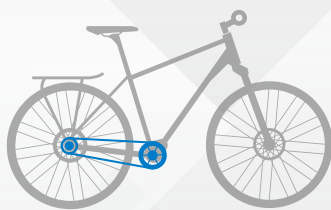
TENSIONER	DROPOUT	REAR HUB MOUNTING	REAR SPROCKET TOOTH	BELT	CRANK(mm)	BCD(mm)	FRONT SPROCKET TOOTH
TEN	DR-01	3-SPLINE HUB	GTSP-22T Ø84mm	118T	170	104	CWD-GTSP-44T Ø163mm
				120T			CWD-GTSP-48T Ø177mm
		9-SPLINE HUB		122T			CWD-GTSP-52T Ø191mm
				125T			CWD-GTSP-56T Ø205mm
		THREAD-ON FREEWHEEL		128T			CWD-GTSP-60T Ø219mm
				133T			CWD-GTSP-60T Ø219mm

• OTHER COMBINATION (SPROCKET SIZE AND BELT LENGTH) CAN BE CUSTOM MADE BY ORDER

• BELT SPROCKET MATERIAL : ALLOY

PACKAGE SET

	STREAM A				STREAM B			STREAM C			STREAM D		
RC(mm)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ratio	463	474	485	501	462	473	490	461	478	494	466	471	498
Front	2	2	2	2	2.18	2.18	2.18	2.36	2.36	2.36	2.55	2.73	2.73
Rear	44T	44T	44T	44T	48T	48T	48T	52T	52T	52T	56T	60T	60T
Belt	22T	22T	22T	22T	22T	22T	22T	22T	22T	22T	22T	22T	22T
	118T	120T	122T	125T	120T	122T	125T	122T	125T	128T	125T	128T	133T



ADULT

PERFORMANCE CLASSIC



TENSIONER	DROPOUT	REAR HUB MOUNTING	REAR SPROCKET TOOTH	BELT	CRANK(mm)	BCD(mm)	FRONT SPROCKET TOOTH
TEN	DR-01	3-SPLINE HUB 9-SPLINE HUB THREAD-ON FREEWHEEL	GTSP-22T Ø84mm	115T	170	110	CH-PCGP-44T Ø163mm
				118T		130	CH-PCGP-48T Ø177mm
				120T			CH-PCGP-52T Ø191mm
				122T			CH-PCGP-56T Ø205mm
				125T			CH-PCGP-60T Ø218mm
				128T			
				133T			

- OTHER COMBINATION (SPROCKET SIZE AND BELT LENGTH) CAN BE CUSTOM MADE BY ORDER
- BELT SPROCKET MATERIAL : ALLOY

PACKAGE SET

PC A

☒	☐	☐	☐	☐	☐
RC(mm)	446	463	474	485	501
Ratio	2	2	2	2	2
Front	44T	44T	44T	44T	44T
Rear	22T	22T	22T	22T	22T
Belt	115T	118T	120T	122T	125T

PC B

☐	☐	☐	☐	☐
RC(mm)	435	451	462	473
Ratio	2.18	2.18	2.18	2.18
Front	48T	48T	48T	48T
Rear	22T	22T	22T	22T
Belt	115T	118T	120T	122T

PC C

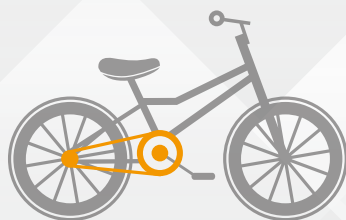
☐	☐	☐	☐	☐
RC(mm)	439	450	461	478
Ratio	2.36	2.36	2.36	2.36
Front	52T	52T	52T	52T
Rear	22T	22T	22T	22T
Belt	118T	120T	122T	125T

PC D

☒	☐	☐	☐
RC(mm)	439	449	466
Ratio	2.55	2.55	2.55
Front	56T	56T	56T
Rear	22T	22T	22T
Belt	120T	122T	125T

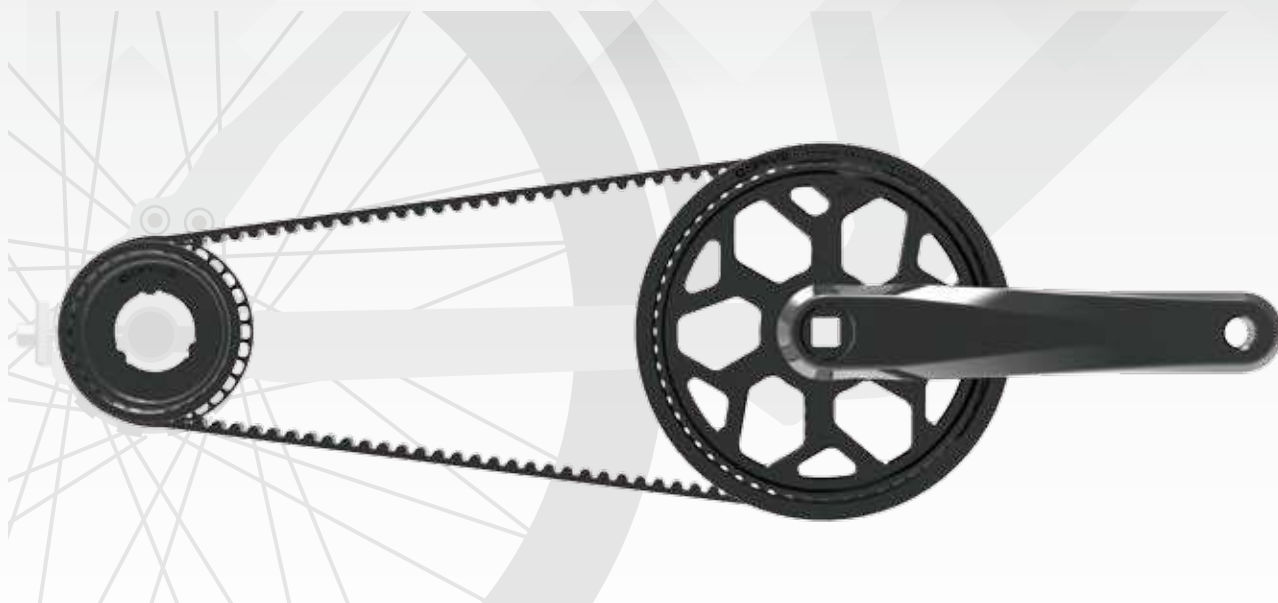
PC E

☐	☐	☐	☐
RC(mm)	438	454	471
Ratio	2.73	2.73	2.73
Front	60T	60T	60T
Rear	22T	22T	22T
Belt	122T	125T	128T



JUNIOR

JUNIOR⁺ SYSTEM



TENSIONER	DROPOUT	REAR HUB MOUNTING	REAR SPROCKET TOOTH	BELT	CRANK(mm)	FRONT SPROCKET TOOTH
TEN	DR-01	3-SPLINE HUB	GTSP-22T Ø84mm	108T	125	CH-JUAGP-44T Ø163mm
		9-SPLINE HUB		111T	140	
		THREAD-ON FREEWHEEL		113T	145	
					150	
					160	
					165	

• OTHER COMBINATION (SPROCKET SIZE AND BELT LENGTH) CAN BE CUSTOM MADE BY ORDER

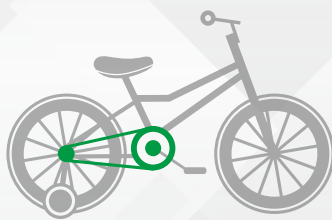
• BELT SPROCKET MATERIAL : ALLOY

PACKAGE SET

JUNIOR A

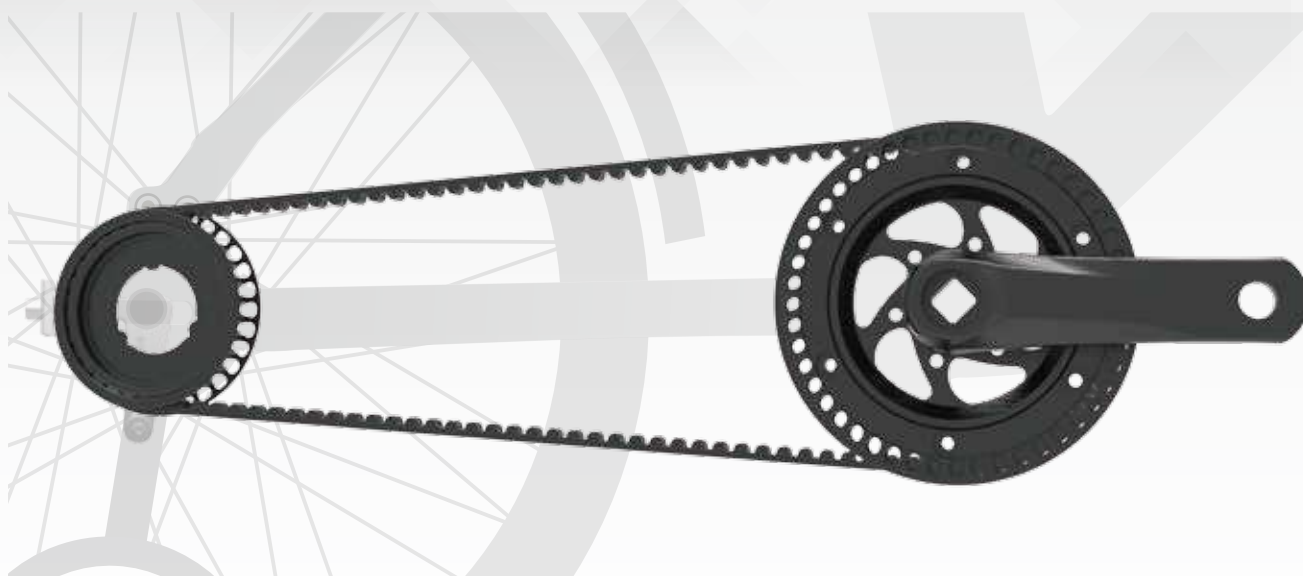
☒	☐	☐	☐
RC(mm)	408	425	435
Ratio	2	2	2
Front	44T	44T	44T
Rear	22T	22T	22T
Belt	108T	111T	113T

8M



KIDS

STARTER SYSTEM



TENSIONER / PULLEY	DROPOUT	REAR HUB MOUNTING	REAR SPROCKET TOOTH	BELT	CRANK(mm)	FRONT SPROCKET TOOTH
TEN / PUL	DR-01	3-SPLINE HUB	H8-30T Ø84mm	108T	79	CH-48T-ALD Ø133mm
		9-SPLINE HUB		111T	102	
		THREAD-ON FREEWHEEL		113T	114	CH-52T-ALD Ø143mm
					127	

• OTHER COMBINATION (SPROCKET SIZE AND BELT LENGTH) CAN BE CUSTOM MADE BY ORDER

• FRONT BELT SPROCKET MATERIAL : COMPOSITE BELT SPROCKET WITH STEEL

• REAR BELT SPROCKET MATERIAL : ALLOY

PACKAGE SET

STARTER A

☒	☐	☐	☐
RC(mm)	267	283	351
Ratio	1.6	1.6	1.6
Front	48T	48T	48T
Rear	30T	30T	30T
Belt(mm)	848	880	1016

STARTER B

☐	☐	☐
259	275	343
1.7	1.7	1.7
52T	52T	52T
30T	30T	30T
848	880	1016

| COMPONENTS

| DROPOUT



DR-01
DROPOUT

| TENSIONER



TEN-B-XX
PULLEY GUIDE

| OTHERS



CJP-7-8
CJP BRACKET
FOR SHIMANO NEXUS 7/8

| PULLEY



PUL-I
PULLEY GUIDE



PUL-B
PULLEY GUIDE



PUL-BX
PULLEY GUIDE



PUL-FWP
PULLEY GUIDE

I TENSILE TEST

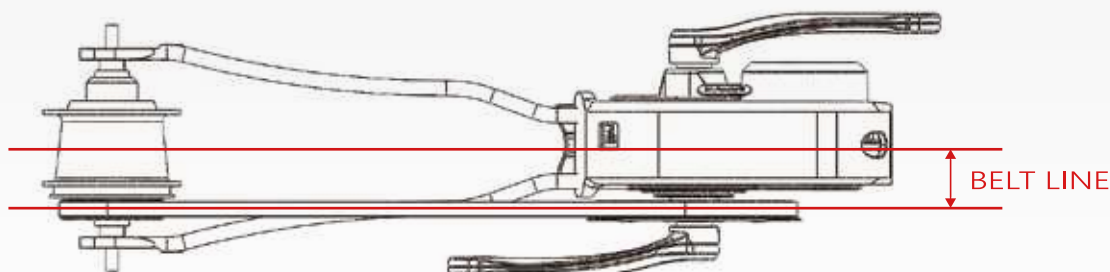
	MAX STRENGTH (kgf)	MAX STRENGTH: DISPLACEMENT (mm)	BREAKING POINT: STRENGTH (kgf)	BREAKING POINT: EXTENSION (mm)	YIELD POINT: STRENGTH (kgf)
GTS	2040.08	32.62	2039.32	32.62	1173.90
RTS	2016.23	18.29	414.30	18.34	1972.13

8M	MAX STRENGTH (kgf)	MAX STRENGTH: DISPLACEMENT (mm)	MAX STRENGTH: ELONGATION (%)	BREAKING POINT: STRENGTH (kgf)	BREAKING POINT: EXTENSION(mm)
PU	1590.13	8.23	15.53	210.18	8.29
RUBBER	1389.18	19.68	37.14	1389.18	19.68

CAUTION AND CARE OF BELT

- 1.DO NOT USE BELT FOR SOLE DEVICE TO BRAKE.
- 2.DO NOT CURVE / TWIST / CUT / REVERSE / BEND / CLIP THE BELT FOR PREVENTION OF BELT DAMAGE.
- 3.FOLLOW THE ASSEMBLING INSTRUCTION FOR CORRECT INSTALLATION.
DO NOT USE SHARP TOOLS TO FORCE THE BELT.
- 4.FOR MAINTENANCE : WASH BELT SYSTEM WITH SOFT BRUSH OR AIR SPRAY,
DO NOT LEAVE WATER STAIN OR DETERGENT ON THE SURFACE WHEN FINISHED.
- 5.WHEN INSTALL THE PULLEY GUIDE, LEAVE 1mm OF DISTANCE BETWEEN THE
ROLLER AND BELT, THE ROLLER SHALL NOT TOUCH THE BELT.
- 6.WHEN INSTALL BELT SYSTEM, FRONT BELT SPROCKET SHALL ALWAYS BE IN LINE
WITH REAR BELT SPROCKET.

TECHNICAL



MID MOTOR

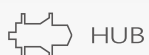
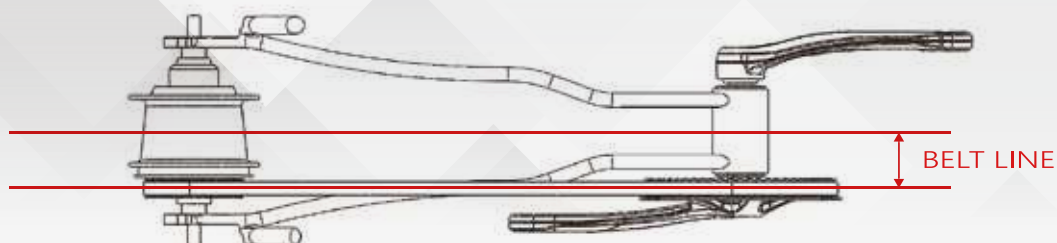
MANUFACTURER	MOTOR
BOSCH	PERFORMANCE LINE CX / GEN3
BAFANG	MAX / BBSHD / MM G32 / MM G510
SHIMANO	E8000
ANANDA	M80-II
DAPU	M123M
MPF	DRIVE
ZEHUS	REAR HUB MOTORS



REAR MOTOR

MANUFACTURER	MOTOR	O.L.D (mm)	BELT LINE (mm)
ZEHUS	SINGLESPEED HUB DISC BRAKE	135	53.7

TECHNICAL



HUB

MANUFACTURER	HUB DESCRIPTION	HUB MODEL NUMBER	O.L.D.(mm)	BELT LINE (mm)
SHIMANO	ALFINE 11	SG-S700	135.0	43.9
SHIMANO	ALFINE 11 Di2	SG-S705	135.0	39.6
SHIMANO	ALFINE 8	SG-S7001-8	135.0	43.9
SHIMANO	ALFINE 8 Di2	SG-S7051-8	135.0	39.6
SHIMANO	INTER-5E	SG-S7000-5	135.0	44.7
SHIMANO	INTER-5E Di2	SG-S7050-5	135.0	44.7
SHIMANO	NEXUS 8	SG-C6001-8D SG-6001-8CD	135.0	46.5 / 43.9
SHIMANO	NEXUS 8	SG-C6001-8R SG-6001-8R SG-C6011-8V SG-C6001-8V	132.0	47.4 / 44.8
SHIMANO	NEXUS 8	SG-C6001-8C	132.3	47.6 / 45.0
SHIMANO	NEXUS 8 Di2	SG-C6061-8R SG-C606-8C SG-C6061-8D SG-C061-CD	13.5	39.6
SHIMANO	NEXUS 7	SG-C3000-7D	13.5	46.65
SHIMANO	NEXUS 7	SG-C3000-7R	13.0	44.9 / 42.3
SHIMANO	NEXUS 7	SG-C3000-7C	12.7	46.1 / 43.5
SHIMANO	NEXUS 3	SG-3R75-A	12.2	43.9



HUB

MANUFACTURER	HUB DESCRIPTION	HUB MODEL NUMBER	O.L.D.(mm)	BELT LINE (mm)
SHIMANO	NEXUS 3	SG-3C41	12.2	46.0
SHIMANO	NEXUS 3	SG-3D55	13.5	47.0
SHIMANO	NEXUS 3	SG-3R40	12.0	43.7
SHIMANO	NEXUS 3	SG-3R40	12.7	43.7
SHIMANO	NEXUS 3	SG-3R40	13.0	42.0
ENVILO	CVP	ENVILO CT	13.5	45.4
ENVILO	CVP	ENVILO TR	13.5	45.4
ENVILO	CVP	ENVILO SP	13.5 / 142 / 148	45.4 / 45.4 / 46.1
ENVILO	CVP	ENVILO CA	13.5 / 142 / 148	45.4 / 45.4 / 46.1
ENVILO	CVP	ENVILO CO	13.5	45.4
NUVINCI	CVP	N330 / N360 / N380	13.5	45.4
ROHLOFF	14 SPEED	500 / 14	13.5 / 14.2	57.05
ROHLOFF	14 SPEED	500 / 14	14.8	54.05
ROHLOFF	14 SPEED	XL 500 / 14	17.0 / 17.7	74.55
ROHLOFF	14 SPEED	XXL 500 / 14	19.0 / 19.7	74.55



傳誠技研有限公司

DRIVETRAIN TECH SOLUTION INC.

TEL : +886-4-24919555 FAX : +886-4-24910348

OEMsale@cycledrive.com

NO. 85, DAFENG RD., DALI DIST., TAICHUNG CITY

412028 , TAIWAN (R.O.C.)