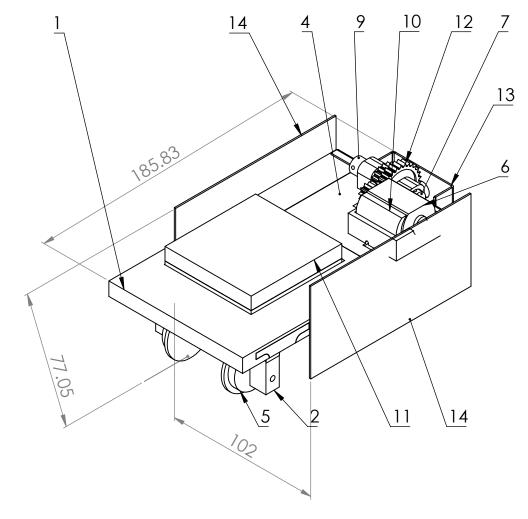
ITEM NO.	PART NUMBER	1:18/QTY.	
1	Chassis	1	
2	Wheel Leg (Front)	1	
3	Wheel Leg (Back)	1	
4	Motor and Gear Platform	1	
5	Wheel Pair and Shaft	2	
6	Motor	1	
7	Gear Shaft (Top)	1	
8	Gear Shaft (Bottom)	1	
9	Gear Shaft Cap	2	
10	Motor Spacer	1	
11	Battery Components	1	
12	Gear Train	1	
13	Cargo puller	1	
14	Side plate	2	



Α	
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			Please refer to individual parts for tolerances.	C
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			MATERIAL PLA, ABS, Aluminum sheet, Steel	W
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	Q.A.					
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	While there also are 64:1 and 48:1 gear ratio configuration, this drawing will only feature 18:1 configuration.					
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Isometric view

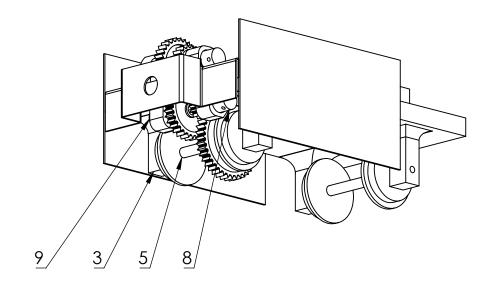
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В

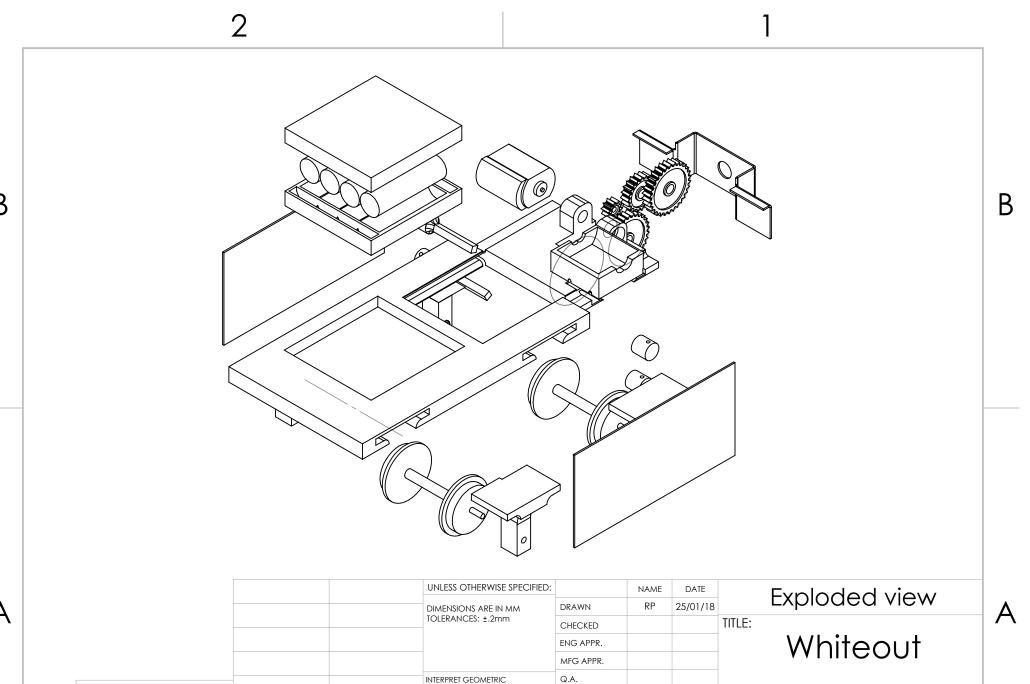
ITEM NO.	PART NUMBER	1:18/QTY.
1	Chassis	1
2	Wheel Leg (Front)	1
3	Wheel Leg (Back)	1
4	Motor and Gear Platform	1
5	Wheel Pair and Shaft	2
6	Motor	1
7	Gear Shaft (Top)	1
8	Gear Shaft (Bottom)	1
9	Gear Shaft Cap	2
10	Motor Spacer	1
11	Battery Components	1
12	Gear Train	1
13	Cargo puller	1
14	Side plate	2



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			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	١c	omotrio	viow
_			DIMENSIONS ARE IN MM	DRAWN	RP	25/01/18	15	ometric	VIEW
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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF			MATERIAL PLA, ABS, Aluminum sheet, Steel	While there also are 64:1 and 48:1 gear ratio configuration, this drawing will only feature 18:1 configuration.		6. NO.	REV		
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF	NEXT ASSY	USED ON	FINISH				A		I
<insert company="" here="" name=""> IS PROHIBITED.</insert>	APPLICATION		DO NOT SCALE DRAWING	The components hidden in this view was shown in the previous page.		SCALE: 1:2	WEIGHT:	SHEET 2 OF 8	



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DO NOT SCALE DRAWING

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PROHIBITED.

NEXT ASSY

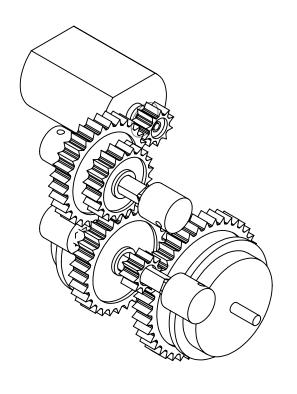
THE INFORMATION CONTAINED IN THIS

DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY SIZE DWG. NO. REV

SCALE: 1:2 WEIGHT: SHEET 3

E: 1:2 WEIGHT: SHEET 3 OF 8

2



The gear ratio is 18:1, consisting of: 10t (at motor) mesh with 30t; 30t compound with 20t; 20t mesh with 30t; 30t compound with 10t; 10t mesh with 40t (at wheel shaft) (t stands for teeth; ie. 10t has 10 teeth).

В

UNLESS OTHERWISE SPECIFIED: NAME DATE Gear train view 25/01/18 DRAWN DIMENSIONS ARE IN MM TOLERANCES: ±.2MM TITLE: CHECKED Whiteout ENG APPR. MFG APPR. Q.A. PROPRIETARY AND CONFIDENTIAL COMMENTS: THE INFORMATION CONTAINED IN THIS SIZE DWG. NO. REV DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY FINISH REPRODUCTION IN PART OR AS A WHOLE **NEXT ASSY USED ON** WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS SCALE: 1:1 WEIGHT: SHEET 4 OF 8 PROHIBITED. APPLICATION DO NOT SCALE DRAWING

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