



GreenCompact Spinning | Hans Stahlecker

GreenCompact
Toparm P3-1 R/LMW frames

Spinning News SN11-2

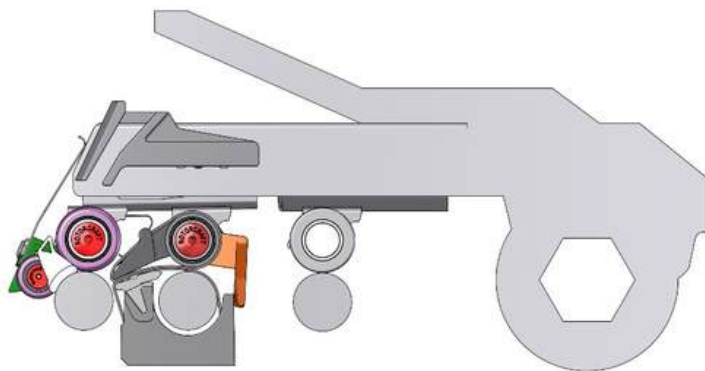
GreenCompact for Toparm P3-1

GreenCompact (GC) provides optimization of production and compacting without the use of additional power.

Please ask Rotorcraft sales staff to organize spinning trials for you.

Reducing TPI: TPI can be decreased to increase the production volume.

Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



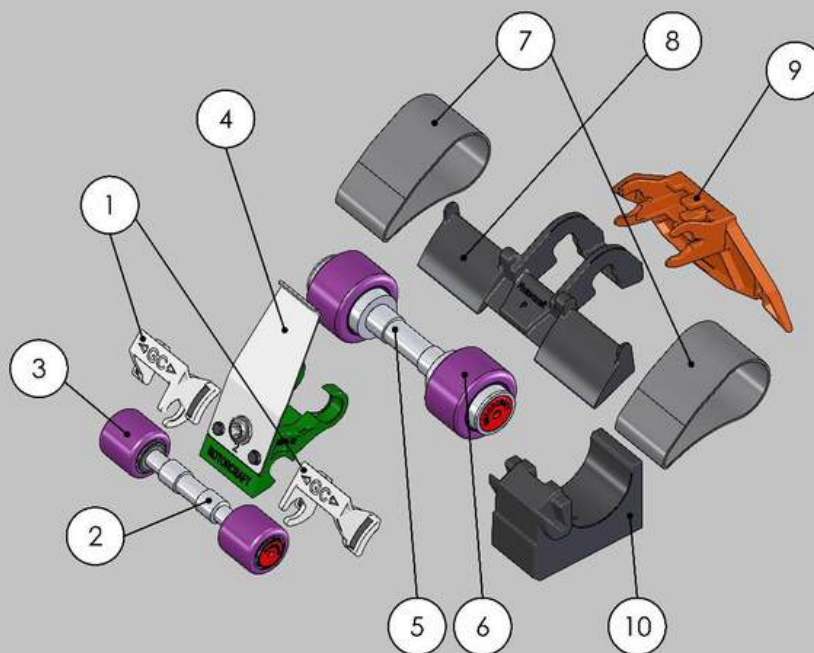
Full scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */**DTR cots
4. TRH Top roller holder
5. *FTR Front top roller
6. */** FTR cot's
7. *Top-aprons
8. P-cradle
9. Deflector or Roving guide
10. Bearing slide

Optional supply

*

**Shore hardness upon choice



Note: The supply for your project is strictly in accordance to the technical questionnaire and/or the proforma invoice stated by Rotorcraft.

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GreenCompact
Toparm PK2025

Spinning News SN11-3

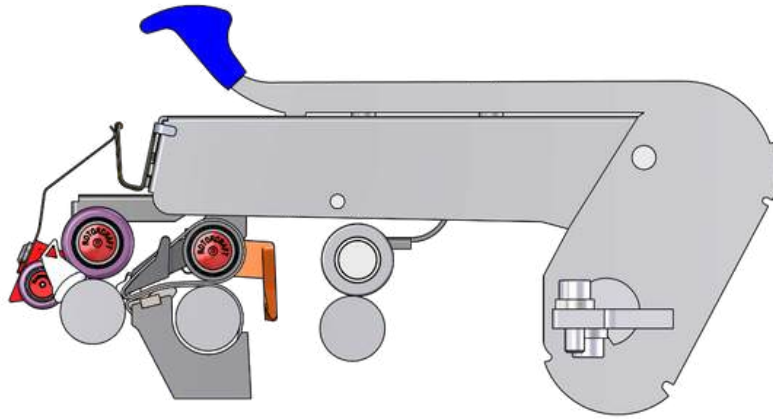
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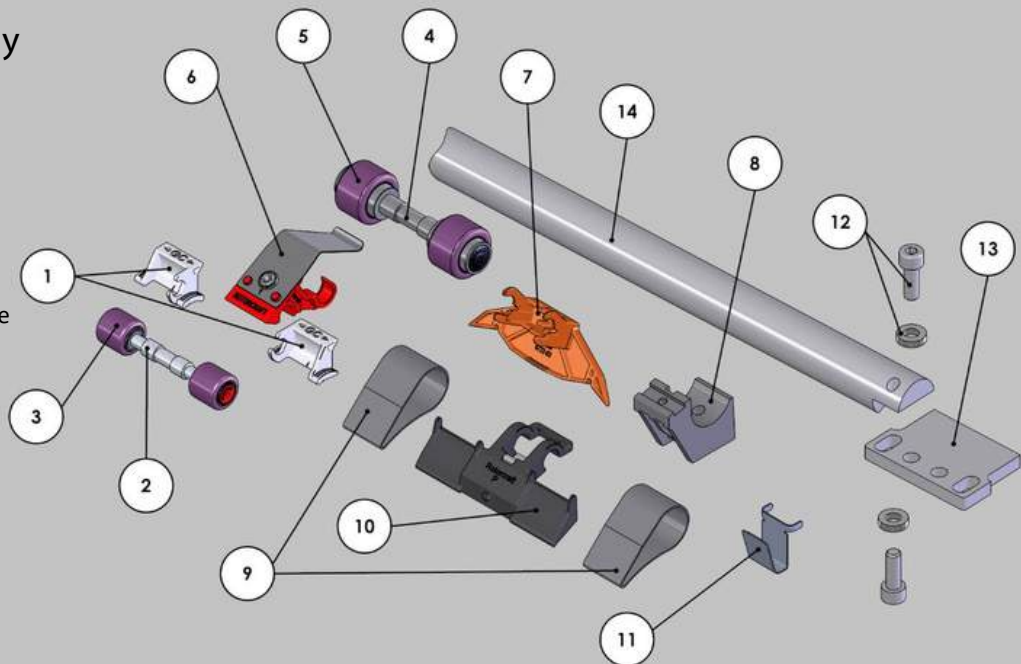
Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



Full scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */** Cots DTR
4. FTR Front top roller
5. */**Cots FTR
6. TRH Top roller holder
7. Deflector or Roving guide
8. Bearing Slide
9. *Top aprons
10. P-Cradle
11. Cleaner roller holder
12. Fastener-set
13. Plate
14. Holder bar

* Optional supply
** Shore hardness upon choice



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GreenCompact Spinning | Hans Stahlecker

GreenCompact for
Toparm Yuhua/Changde

Spinning News SN11-5

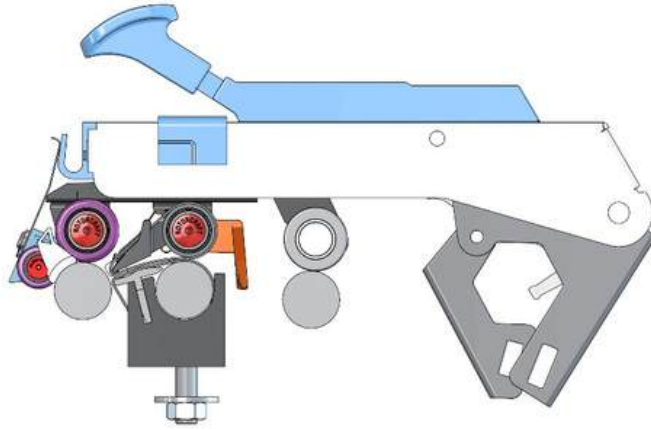
GreenCompact for Toparm Yuhua/Changde

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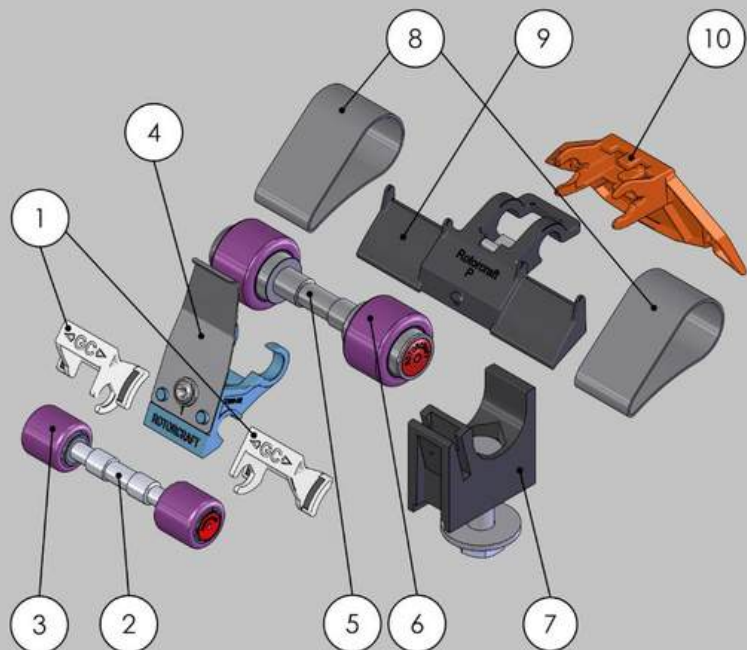
Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



Full scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */** Cots DTR
4. TRH Top roller holder
5. *FTR Front top roller
6. */** Cots FTR
7. Bearing slide set
8. *Top-aprons
9. P-cradle
10. Deflector or Roving guide

* Optional supply
** Shore hardness upon choice



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GreenCompact for
Toparm Yuhua/Changde

Spinning News SN11-5

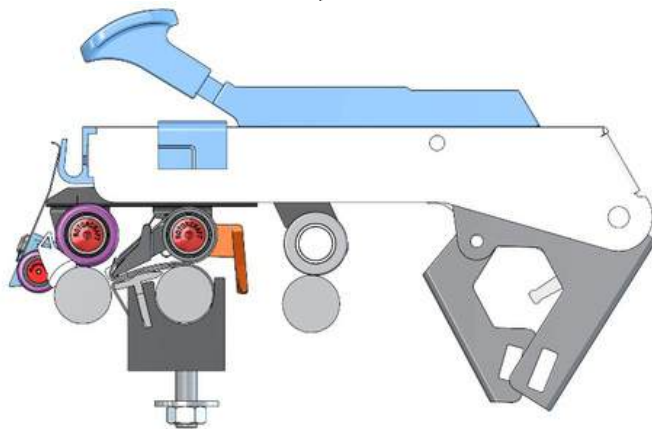
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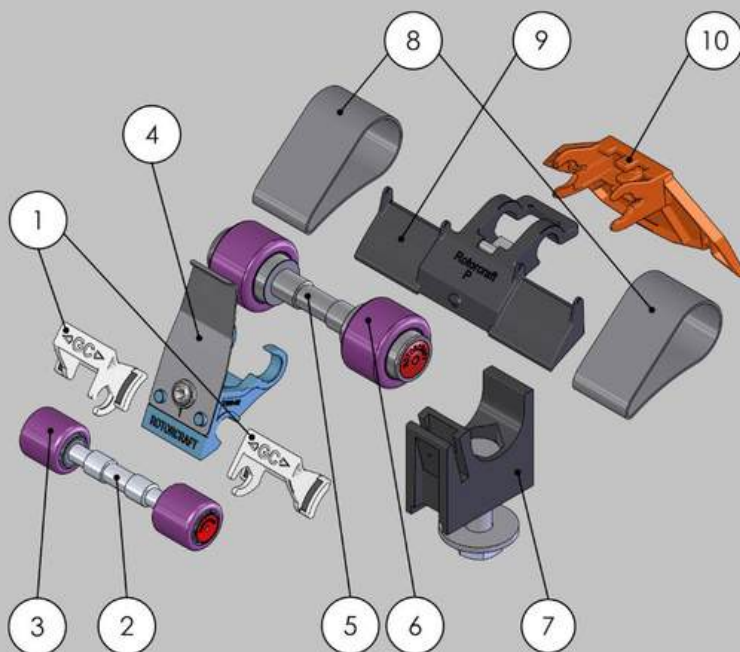
Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



Full scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */** Cots DTR
4. TRH Top roller holder
5. *FTR Front top roller
6. */** Cots FTR
7. Bearing slide set
8. *Top-aprons
9. P-cradle
10. Deflector or Roving guide

* Optional supply
** Shore hardness upon choice



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GreenCompact
Compactors

Spinning News SN17

Table of Compactors to GreenCompact

Compactors are the «heart» of mechanical compacting. Each compactor is designed and optimized for its dedicated production task.

In order to achieve the best production output, several parameters need to match - Ne yarn-count, roving- and cots quality such as the frames bottom cylinder state.





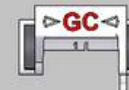
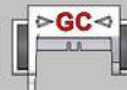


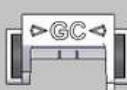
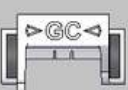
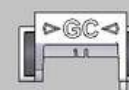
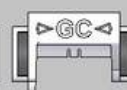












The slot size in metric measure defines the Compactors working margin:

- Slot 0.4 special applications, MMF
- Slot 0.6 up to Ne60 natural, blends, MMF
- Slot 0.9 up to Ne30 natural, blends

Please contact Rotorcraft sales staff to organize individual spinning trials for you. Testing will help to identify the best suitable compactor for your production task.

Compactor

SIRO Compactor

0.6-25			0.6-25-5 grinded					0.6-25-3 grinded
0.6-27								
0.6-30 grinded			0.6-30-5 grinded					0.6-30-3 grinded
0.9-25 grinded								
0.9-27								
0.9-30 grinded								



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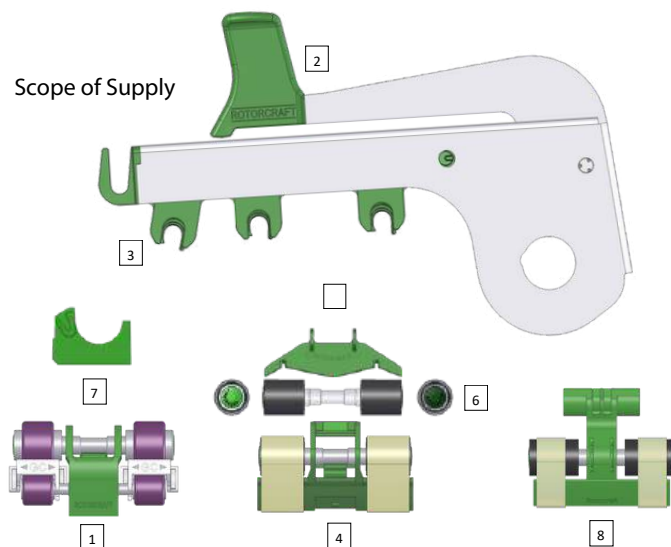
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RT3 Toparm Existing and new frames



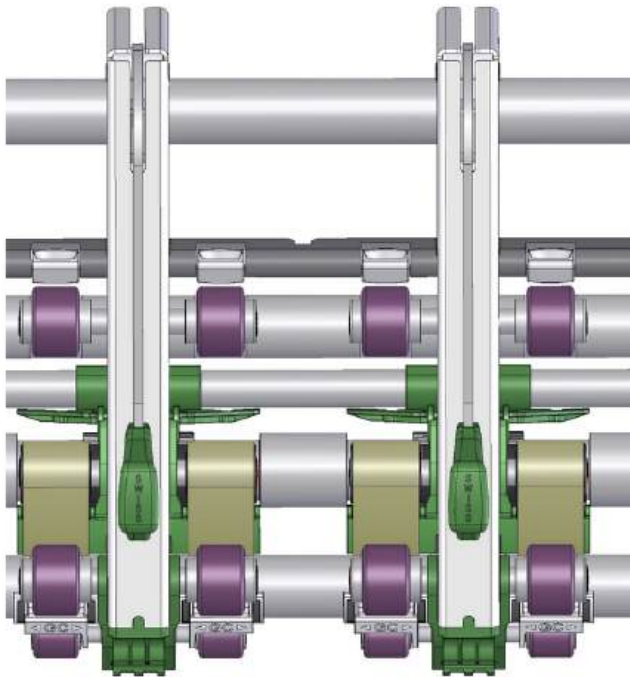
RT3

1. GC-P GreenCompact assembly 2. Toparm RT3 3. Toproller-inserts 9.5x16 or 10x20 4. Apron cradle assembly 5. Deflector and Roving guide 6. SL-Toprollers 7. Bearing Slide

RT3 NGD

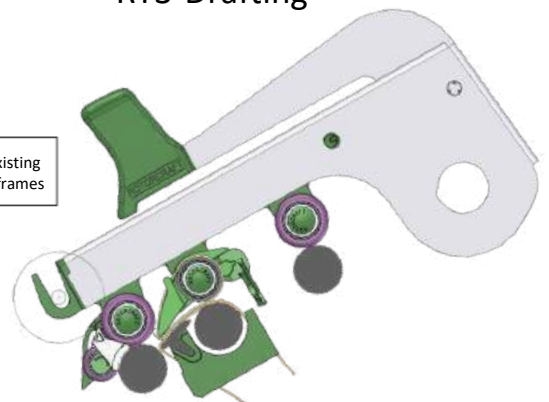
1. GC-P GreenCompact assembly 2. Toparm 3. Toproller-inserts 9.5x16 or 10x20 4. Apron cradle assembly 5 Deflector and Roving guide 6. SL-Toprollers 8. NGD/NGS Bottom cradle assembly

Natural and synthetic
fibers up to 40 mm –
No Setscrews

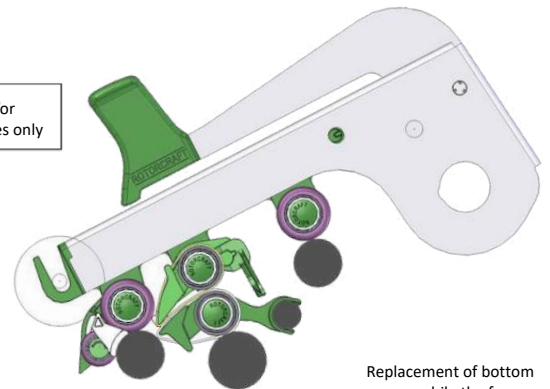


RT3-Drafting

RT3 for existing
and new frames



RT3 NGD for
new frames only



Replacement of bottom
aprons while the frame
is running



GreenCompact Spinning | Hans Stahlecker

GreenCompact
for all worsted Toparms PK

Spinning News SN20-0

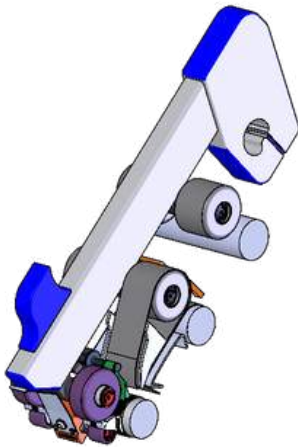
GreenCompactfor all worsted Toparms PK

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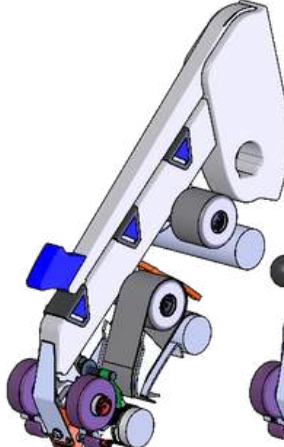
Please ask Rotorcraft sales staff to organize spinning trials for you.

Reducing TPI: TPI can be decreased to increase the production volume.

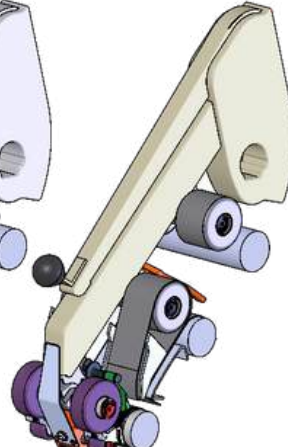
Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



PK 6000



PK 1660

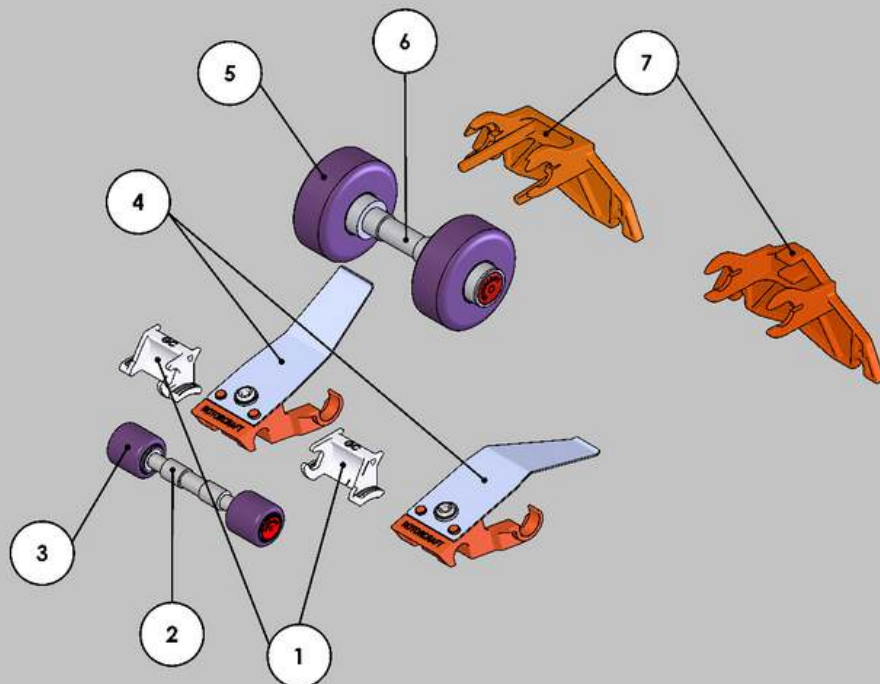


PK 1601

Scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */** Cots DTR
4. TRH Top roller holder
5. */**Cots FTR
6. *FTR Front Top roller
7. Deflector

* Optional supply
** Shore hardness upon choice



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GreenCompact Spinning | Hans Stahlecker

Siro Upgrade kit to
GreenCompact

Spinning News SN23

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Global patents pending Rotorcraft AG, CH-9450 Altstätten

Siro Upgrade-kit to all GreenCompact Premium assemblies

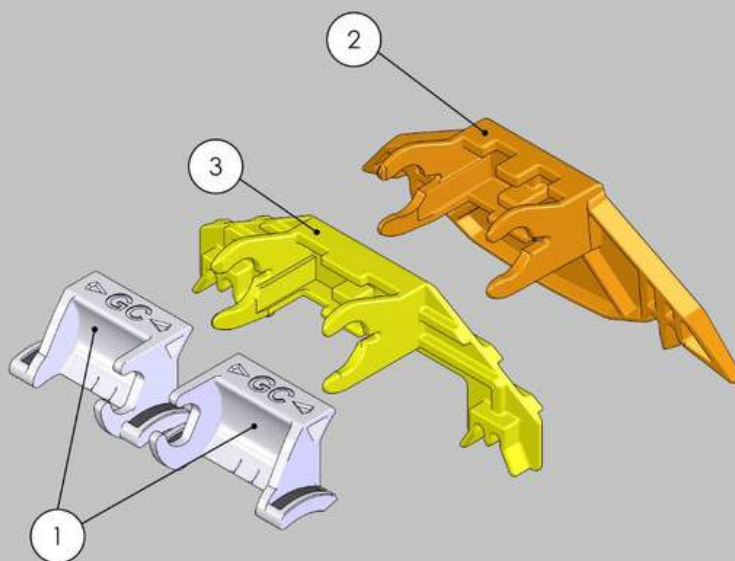
The Siro-upgrade-kit to fit all GreenCompact Premium assemblies for Rieter/LMW, PK or Yuhua/Changde drafting systems.

By replacing compactors and deflector of your existing GC-P assembly you will be able to spin Siro twisted yarn from Count Ne 18/2 to 80/2.

Please contact the Rotorcraft sales staff to organize individual spinning trials for you.

Scope of supply

1. Compactors L/R
2. Deflector or
3. Roving guide



All images are sample pictures - variations by color or measures may occur.

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GreenCompact Premium
PK2025 Toyota/KTTM frames

Spinning News SN25-1

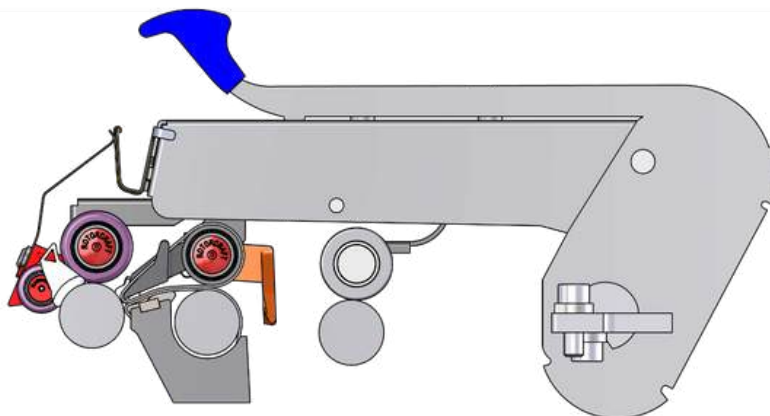
GreenCompact Premiumto fit Toparm PK2025 on Toyota/KTTM frames

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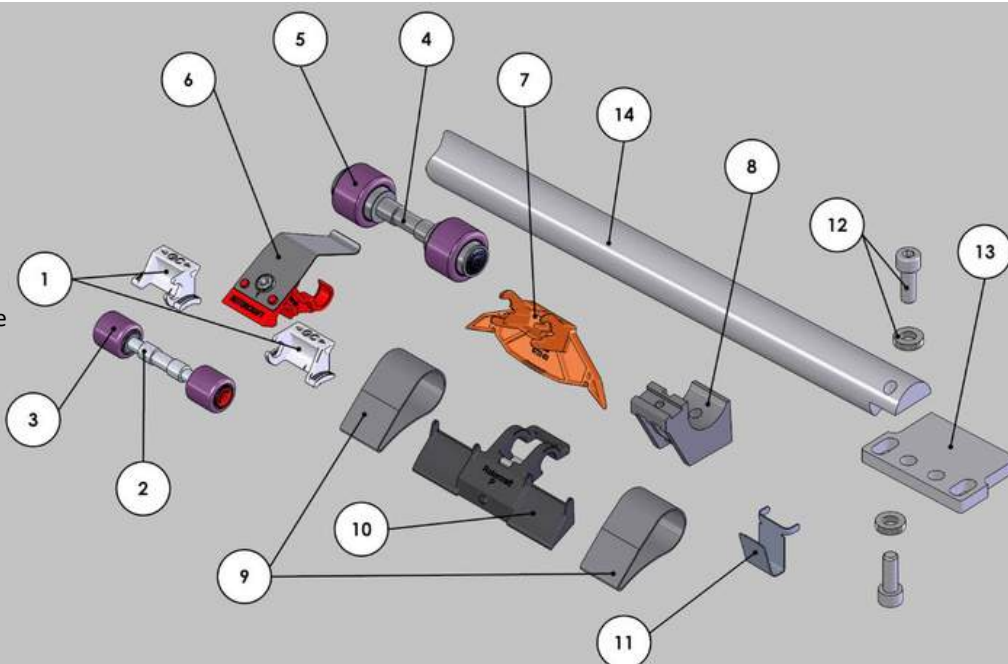
Increasing the spindle speed (RPM): The spindle speed can be increased while keeping the level of yarn breaks the same.



Scope of supply

1. Compactors L/R
2. DTR Delivery top roller
3. */** Cots DTR
4. FTR Front top roller
5. */** Cots FTR
6. TRH Top roller holder
7. Deflector or Roving guide
8. Bearing Slide
9. *Top-aprons
10. P-Cradle
11. Cleaner roller holder
12. Screws, washers
13. Plate
14. Holder bar

* Optional supply
** Shore hardness upon choice



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Traverse upgrade-kit to GreenCompact

Spinning News SN27

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Global patents pending Rotorcraft AG, CH-9450 Altstätten

Traverse upgrade-kit to all GreenCompact assemblies

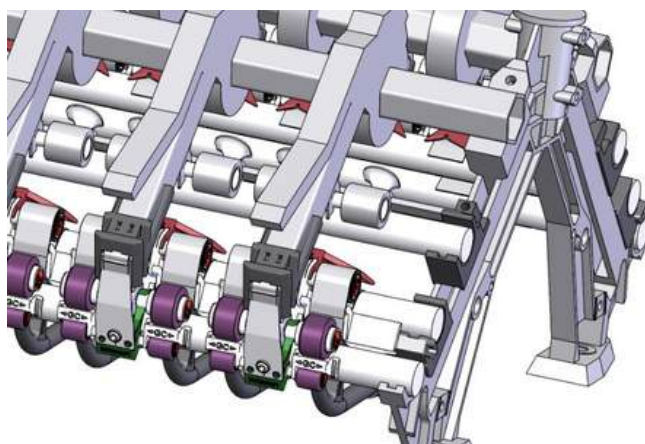
The Traverse upgrade-kit is designed to fit all GreenCompact assemblies for Rieter/LMW, PK or other drafting systems.

The kit is consisting of machine parts and tailor made drafting parts in order to optimize the traverse spinning ability of all different type of frames.

The traverse upgrade-kit advantages are:

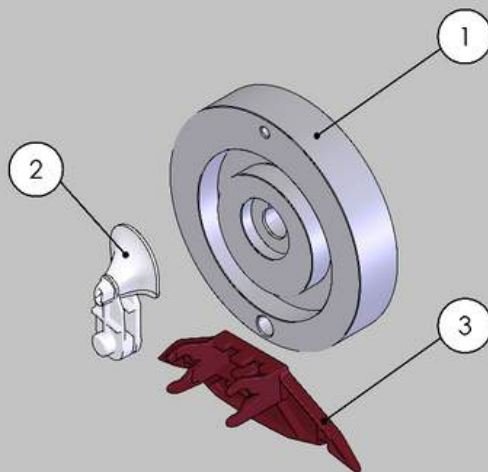
- Reduction of spindle-to-spindle variation
- Enhancing Top roller cots buffing cycle

Please contact the Rotorcraft sales staff to organize individual spinning trials for you.



Scope of supply P3-1

1. Tailor made eccentric disk (CAM)
2. Rowing condenser
3. Deflector traverse



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