

Upgrade your roving frames by changing your **PK 5000** (pneumatic drafting) to **PK 1500/1600** (spring loaded drafting)

PK 5000 pneumatic drafting



Challenges of PK 5000 (pneumatic drafting)

- Leakages in the pressure hose/pressure tube
- Pressure variation affecting roving/yarn quality
- Maintenance time and cost for the frequent upkeep of the system
- Difficulty in procurement of required parts – to be imported/non-availability

PK 1500/1600 spring loaded drafting



Advantages of upgradation with spring loaded PK 1500/1600 series of drafting

- Reliable & uniform loading with mechanically loaded proven helical coiled springs design
- No air leakages, no recurring maintenance
- Consistent yarn quality
- ZERO operating & maintenance cost

Features of PK 1500/1600

- Mechanically loaded top arm design
- Proven helical coil spring loaded drafting system
- Constant load on the top rollers
- Choice of load selection on each top roller, independent of each other
- Frequent top arm load (height) setting not required after cot buffing within the specified range of the cot diameter

Considering the existing drafting (PK 5000) configuration, here is a list of components which will be supplied by TeraSpin for upgradation:

Sr. No.	For Electro-Jet roving frame	For other makes of roving frames
1	Weighting arm PK 1500-00001938 or PK 1500-0962604 or PK 1500-0962602 or PK 1500-0001940	Weighting arm PK 1600-00001938 or PK 1600-0962604 or PK 1600-0962602 or PK 1600-40
2	Cradle roller LP 317-000110	Cradle roller LP 317-000110
3	Cradle OH 514-1275261 or OH 534-1275268 or OH 524-000110	Cradle OH 514-1275261 or OH 534-1275268 or OH 524-000110
4	Required distance clips (spacers)	Required distance clips (spacers)
5	Arm bar to be replaced Existing bracket to be retained	Arm bar to be replaced Existing bracket to be retained
6	As arm bar position option is available, PK 1500 or PK 1600 series weighting arm can be used (refer to picture 'a' below). It is advisable to opt for PK 1500 series for better price/performance ratio	For Marzoli/Reiter roving frames, as the arm bar position is fixed, only the PK 1600 series weighting arm can be used (refer to picture 'b' below)
7	One can replace the existing clearer cloth with a shorter one to reduce the recurring cost (optional)	

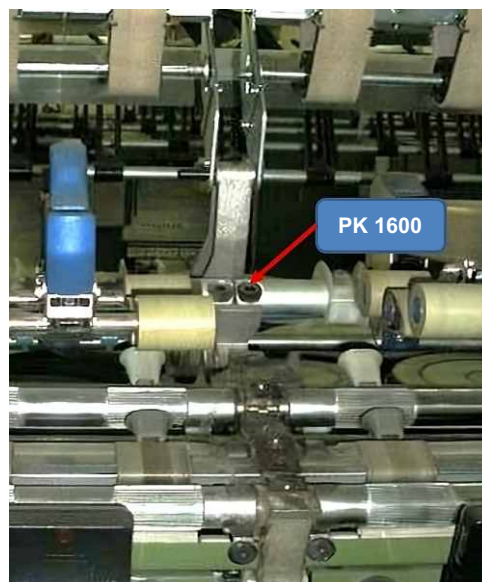
(a)

Roller stand of Electro-Jet roving frame



(b)

Roller stand of Marzoli/Rieter roving frame



Other advantages of PK 1500/1600

- No requirement of compressor/compressed air for loading
- Can handle/process variety of fibres
- No pneumatic pressure loss or pressure variations
- Longer service life