Claims

1. A spinner tool, comprising;

a plurality of rollers configured to rotate a tubular;

a linkage assembly configured to move the rollers into and out of contact with the tubular; and

a carriage assembly configured to support the linkage assembly, wherein the carriage assembly has a frame, a pair of carriage rollers positioned on opposite sides of the frame and configured to roll along a column structure supporting the carriage assembly as the carriage assembly moves vertically along the column structure, and a pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers and adjacent to the respective one of the pair of carriage rollers, wherein the spring cylinders are coupled at one end to the respective one of the pair of carriage rollers and at an opposite end to the frame to force the carriage assembly into a centered position.

2. The spinner tool of claim 1, further comprising a spring disposed in each spring cylinder configured to force the carriage rollers into a centered position.

3. The spinner tool of claim 1, further comprising a pair of wear pad housings coupled to the frame, and wear pads that are biased toward an interior of the frame by springs located within the wear pad housings.

4. The spinner tool of claim 1, wherein the carriage assembly is coupled to the column structure such that the carriage rollers are positioned on opposite sides of the column structure to keep the plurality of rollers level.

5. The spinner tool of claim 4, wherein the carriage assembly is supported on a spring located within the column structure.

6. The spinner tool of claim 5, wherein the carriage assembly is moveable up and down along the column structure.

7. The spinner tool of claim 1, wherein one of the pair of carriage rollers is positioned on top of the frame, and wherein the other of the pair of carriage rollers is positioned on bottom of the frame.

8. The spinner tool of claim 1, wherein one of the pair of carriage rollers is positioned near a rear side of the frame, and wherein the other of the pair of carriage rollers is positioned near a front side of the frame.

9. The spinner tool of claim 1, further comprising a rod member disposed in each spring cylinder, wherein each rod member is coupled at one end to one of the pair of carriage rollers and is biased at an opposite end by a spring located in the spring cylinder to force the carriage assembly into the centered position.

10. The spinner tool of claim 1, wherein the linkage assembly is pivotably coupled to the frame of the carriage assembly.

11. The spinner tool of claim 1, wherein the pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers are coupled to opposite ends of the respective one of the pair of carriage rollers.

12. A spinner tool, comprising;

a plurality of rollers configured to rotate a tubular; and

a carriage assembly configured to support the plurality of rollers, wherein the carriage assembly has a frame, a pair of carriage rollers positioned on opposite sides of the frame and configured to roll along a column structure supporting the carriage assembly as the carriage assembly moves vertically along the column structure, and a pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers and adjacent to the respective one of the pair of carriage rollers, wherein the spring cylinders are coupled at one end to the respective one of the pair of carriage rollers and at an opposite end to the frame to force the carriage assembly into a centered position.

13. The spinner tool of claim 12, wherein the pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers are coupled to opposite ends of the respective one of the pair of carriage rollers.

14. The spinner tool of claim 12, wherein the carriage assembly is coupled to the column structure such that the carriage rollers are positioned on opposite sides of the column structure to keep the plurality of rollers level.

15. The spinner tool of claim 14, wherein the carriage assembly is supported on a spring located within the column structure.

16. The spinner tool of claim 12, wherein one of the pair of carriage rollers is positioned on top of the frame, and wherein the other of the pair of carriage rollers is positioned on bottom of the frame.

17. The spinner tool of claim 12, wherein one of the pair of carriage rollers is positioned near a rear side of the frame, and wherein the other of the pair of carriage rollers is positioned near a front side of the frame.

18. The spinner tool of claim 12, further comprising a rod member disposed in each spring cylinder, wherein each rod member is coupled at one end to one of the pair of carriage rollers and is biased at an opposite end by a spring located in the spring cylinder to force the carriage assembly into the centered position.

19. A spinner tool, comprising;

a plurality of rollers configured to rotate a tubular; and

a carriage assembly configured to support the plurality of rollers, wherein the carriage assembly has a frame, a pair of carriage rollers positioned on opposite sides of the frame and configured to roll along a column structure supporting the carriage assembly as the carriage assembly moves vertically, a pair of wear pad housings coupled to the frame, wear pads that are biased toward the supporting column structure by springs

located within the wear pad housings, and a pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers and adjacent to the respective one of the pair of carriage rollers, wherein the spring cylinders include a spring in each spring cylinder configured to force the carriage rollers into a centered position, and the spring cylinders are coupled at one end to the respective one of the pair of carriage rollers and at an opposite end to the frame to force the carriage assembly into a centered position.

20. The spinner tool of claim 19, wherein each pair of spring cylinders positioned on opposite sides of each one of the pair of carriage rollers are coupled to opposite ends of the respective one of the pair of carriage rollers.