CLAIMS

1. A carrier assembly for holding a hose comprising:

a main body comprising a first portion movingly engaged with a second portion;

a first guide rail disposed on the first portion;

a second guide rail disposed on the second portion;

a latch disposed on a side of the first portion; and

a latch slot disposed on a respective side of the second portion;

wherein the latch has a latch end configured for engaging with the latch slot.

2. The carrier assembly of claim 1, wherein the latch comprises a rigid latch, and wherein either the first portion or the second portion comprise a wear indicator surface.

3. The carrier assembly of claim 1, wherein the latch comprises an elastic latch that further comprises a latch spring having a spring end configured with a pin configured to engage the latch slot, and wherein the latch slot comprises a T-slot.

4. The carrier assembly of claim 1, wherein a deadman assembly is coupled with either of the first guide rail or the second guide rail.

5. The carrier assembly of claim 1, wherein at least one of the first portion and the second portion comprise a gripper insert coupled therewith, the gripper insert having an at least one rib for engaging the hose.

6. The carrier assembly of claim 1, wherein the carrier assembly is configured with an at least one gripper insert configured to allow for rotational movement of the hose therein, but prevent or mitigate longitudinal movement of the same.

7. The carrier assembly of claim 1, the carrier assembly further comprising: a thrust management device coupled with the main body, the device comprising a pad mount having a pad coupled therewith.

8. The carrier assembly of 7, wherein the pad mount comprises a pad mount extension, and wherein the pad is mated with a pad backing that comprises a pad extension.

9. The carrier assembly of 8, wherein the pad mount extension and the pad extension are coupled together via a pliable coupler.

10. The carrier assembly of claim 9, wherein the pad backing comprises a thickness profile whereby an edge pad backing thickness is less than a middle pad backing thickness, and wherein a ratio of thickness of the middle pad backing thickness to the end pad backing thickness is in a range of 1.2 to 4.

11. The carrier assembly of claim 10, wherein the pad has a central pad axis, and wherein in lateral cross-section on a lateral x,y reference the central pad axis is offset from a central reference axis by an x in a x-range of 1 inch to 9 inches, and a y in a y-range of 1 inch to 9 inches.

12. A carrier assembly for holding a hose comprising:

a main body comprising a first portion movingly engaged with a second portion;

a latch disposed on a side of the first portion;

a latch slot disposed on a respective side of the second portion; and

a deadman assembly coupled with the main body.

13. The carrier assembly of claim 11, wherein at least one of the first portion and the second portion comprise a gripper insert.

14. The carrier assembly of claim 13, wherein each of the first portion and the second portion comprise a respective gripper insert.

15. The carrier assembly of claim 14, wherein the latch has a latch end configured for engaging with the latch slot, and wherein at least one of the respective gripper inserts comprises a wear indictor surface.

16. The carrier assembly of claim 12, wherein the latch has a latch end configured for engaging with the latch slot.

17. The carrier assembly of claim 12, wherein the carrier assembly is configured with an at least one gripper insert configured to allow for rotational movement of the hose therein, but prevent or mitigate longitudinal movement of the same.

18. The carrier assembly of claim 12, the carrier assembly further comprising: a thrust management device coupled with the main body, the device comprising a pad mount having a pad coupled therewith,

wherein the pad mount comprises a pad mount extension, and wherein the pad is mated with a pad backing that comprises a pad extension.

19. A carrier assembly for holding a pressurized hose comprising:

a main body comprising a first portion movingly engaged with a second portion,

wherein each of the first portion and the second portion comprise a respective gripper insert disposed thereon.

20. The carrier assembly of claim 19, wherein a deadman assembly is coupled with the main body.

21. The carrier assembly of claim 20, wherein the carrier assembly further comprises:

a latch disposed on a side of the first portion; and

a latch slot disposed on a respective side of the second portion.

22. The carrier assembly of claim 21, wherein the latch has a latch end configured for engaging with the latch slot.

23. The carrier assembly of claim 22, wherein the latch comprises a rigid latch, and wherein at least one of the respective gripper inserts comprises a wear indictor surface.

24. The carrier assembly of claim 21, wherein the latch comprises an elastic latch that further comprises a latch spring having a spring end configured with a pin configured to engage the latch slot, and wherein the latch slot comprises a T-slot.

25. The carrier assembly of claim 21, wherein the main body comprises a longitudinal body axis, wherein a secondary handle comprising a longitudinal handle axis is coupled with the first guide rail, and wherein the longitudinal body axis and the longitudinal handle axis are offset to each other by an absolute reference angle of 45 degrees to 135 degrees.

26. The carrier assembly of claim 21, wherein the deadman assembly is operable in a multi-position, multi-function configuration, and wherein the deadman assembly comprises one of an electric or pneumatic power and control configuration.

27. The carrier assembly of claim 21, the carrier assembly further comprising: a thrust management device coupled with the main body, the device comprising a pad mount having a pad coupled therewith,

wherein the pad mount comprises a pad mount extension, wherein the pad is mated with a pad backing that comprises a pad extension, and wherein the pad mount extension and the pad extension are coupled together via a pliable coupler.