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ing from the coupling support, oriented from a bottom towards a top following the direction parallel to the longitudinal center line of the tractor.

10. A coupling device according to claim 1, wherein at least one of the upper connecting-rod and the lower connecting-rod is adjustable in length.

11. A coupling device according to claim 4, wherein the central connecting-rod is connected to the chassis by a central articulation and to the lower connecting-rod by a lower articulation, and an orthogonal projection of the central articulation on a line passing through the front articulation and the lower articulation is arranged between the front articulation and the lower articulation.

12. A coupling device according to claim 4, comprising two arms which are arranged on either side of the central connecting-rod, such that a distance separating respective front articulations of the two arms is greater than a distance separating respective rear articulations of the two arms.

13. A coupling device according to claim 12, wherein the chassis carries the work element, and the distance separating the front articulations is at least equal to one quarter of a total working width of the work element.

14. A coupling device according to claim 13, wherein the distance separating the front articulations is between one third and two thirds of a total working width of the work element.

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15. A coupling device according to claim 12, further comprising a torsion bar connected to each of the arms, and the torsion bar extends from one of the front articulations toward the other.

16. A coupling device according to claim 1, further comprising a control device that simultaneously achieves lightening of the coupling device and of the chassis during work, damping of movements of the coupling device and of the chassis during work, and movement of the work element relative to the coupling support between a work position, a maneuvering position, and a transport position.

17. A coupling device according to claim 16, wherein the control device comprises at least one jack articulated between the coupling support and one of the lower connecting-rod, the upper connecting-rod, and the central connecting-rod.

18. A coupling device according to claim 16, wherein the control device comprises at least one jack articulated between two of the lower connecting-rod, the upper connecting-rod, and the central connecting-rod.

19. A coupling device according to claim 17, wherein a fluid circuit connects the jack, an accumulator and a lifting cylinder to each other and a pressure of the fluid in the circuit is adjustable.

20. An agricultural machine, comprising a coupling device according to claim 1.

21. The agricultural machine according to claim 20, wherein the agricultural machine is a mower, or a front mower.

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