Patent Claims:

1. Loading arm assembly for a load-handling vehicle configured for unloading and loading of ISO containers and transportation containers having a hook, the loading arm assembly including:

a main arm,

an auxiliary arm connected with respect to the main arm,

a pivot arm part connected with respect to the auxiliary arm so as to be pivotable by way of an articulation,

a gripping hook connected with respect to a first end of the pivot arm part, the gripping hook configured for unloading and loading of transportation containers having a hook, and

a crossbeam connected with respect to a second end of the pivot arm part, the crossbeam including at least two corner grippers configured for unloading and loading of ISO containers,

wherein the pivot arm part in a transporting position engages in a clearance of the auxiliary arm.

2. Loading arm assembly according to claim 1, wherein the auxiliary arm has two legs, wherein the legs delimit the clearance, wherein the pivot arm part is disposed so as to be articulated on the legs.

3. Loading arm assembly according to claim 1, wherein the articulation is situated in a range of 40% to 60% of the longitudinal extent of the pivot arm part, between the first and the second ends of the pivot arm part.

4. Loading arm assembly according to claim 1, wherein the gripping hook by means of a further articulation is disposed so as to be rotatable on the pivot arm part.

5. Loading arm assembly according to claim 1, wherein the pivot arm part has two legs, wherein the gripping hook is disposed so as to be articulated on said two legs.

6. Loading arm assembly according to claim 1, wherein the auxiliary arm is configured so as to be telescopic, wherein the auxiliary arm has a first telescopic arm part that is disposed at a fixed angle on the main arm, and has a second telescopic arm part, wherein the second telescopic arm part is capable of being telescopically moved relative to the first telescopic arm part, wherein the pivot arm part is disposed so as to be articulated on the second telescopic arm part.

7. Loading arm assembly according to claim 1, wherein the crossbeam is pivotable about a transverse axis, the transverse axis extends perpendicularly to a longitudinal axis of the crossbeam and perpendicularly to a longitudinal axis of the pivot arm part.

8. Loading arm assembly according to claim 7, wherein the crossbeam is pivotable about the longitudinal axis of the pivot arm part.

9. Loading arm assembly according to claim 1, wherein the crossbeam and the pivot arm part are connected by way of a universal joint.