



Work Safety - Edition 2014 Concise cards of major risks in agricultural activity

5 Machinery and tools - Card 05.12 Rotary harrow milling machine



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THE RISK:

- *Crushing* (during machine-tractor connecting operations; due to machine instability and consequent fall during separating phase and operator trapped between tractor and machine)
- *Fluid projection under pressure* (hydraulic pipes wrong connection and/or pipes breaks)
- *Entangling, dragging and rolling up* (body parts or clothes touching moving devices)
- *Contact with projected materials* (projection material intercepted by blades, blades themselves and/or fragments of tools themselves which break)
- *Contact and shearing* (with moving shearing devices)

PRACTICAL AND OPERATING INDICATIONS:

Operator shall be careful while coupling devices or machine parts.

Operator shall not wait in the connecting area in tractor's coupling phase.

It is necessary to check machine stability.

It is advisable to check the wear and tear of the tools:

- in case of rotating rotary mowers, the operator must pay attention to the moving shearing devices;
- in case of horizontal rods, the operator must pay attention to the swinging lade - contra-rotating blade;
- it is forbidden to remove protections in order to avoid projection of material or broken/worn out tool parts (it poses serious hazard to people next to the machine).

It is advisable to check the spreader bar stability.

While working, the harrow shall be provided with a lateral protection which covers tools completely (for the part above the ground level).

Even a simple bolt, if linked directly to the moving devices and uncovered, may pose entangling and dragging risks.

Operator shall not wait under the refolding milling arm during maintenance operations, without having already inserted the locking rod to the hinges.



Erpice con protezione laterale



FURTHER INDICATIONS AND ADVICE

- It is necessary to check compatibility between machine and tractor
- Staff shall attend specific training courses. The machine shall be operated only by authorized and fully formed operator.
- It is advisable to keep clean the machines removing foreign material (debris, mowing remains etc) which may harm the operator and may

damage the machine's working.

- While using these machines, operator shall pay attention to specific crop which, if high, may hidden small animals or dangerous obstacles.
- It is necessary to substitute protection hinges whenever worn out.
- It is forbidden to substitute cutting tools with non-original or incompatible spare parts.