



DV - 3a



DV - 3b

DV - 3a/b - This is a commercial splitter which goes a step further. It is self propelled with the elevator in line with the wheels. In the second picture you can see the log lift on the right hand side.

3 - Horizontal / Vertical (H/V): As the name implies, you can pivot the beam from horizontal to vertical. Again since it can be used vertical, the wedge is mounted to the cylinder rod/ram instead of the beam. This type of splitter is readily available at most tractor supply stores & major lumber yards. Unless you have part of the materials on hand, it would be hard to build one for less than you could purchase one new.



H/V -1

H/V -1 -If you look at the back side of the axle which is also the hydraulic reservoir, you will see the pivot point & the place for a pin to lock it into an upright position on the lower portion of the bracket.

While in **vertical mode**, the same pros/cons as a DV.

Pros: While you have to wrestle the large rounds into place, you do not have to lift them.

Cons: You are working close to the ground. LOTS of bending!!!

In **horizontal mode**:

Pros:

Cons: The beam is generally too low to be a comfortable working height. The split wood falls at your feet in your way.

4 - Splitters which are mounted to the loader of a tractor/skid loader or the hoe portion of a back hoe (LM): For photo identification, I will call them loader mounted (LM) splitters. Some have the wedge mounted to the cylinder & some have them fixed to the beam. They are dependent on the equipment's hydraulic system. These splitters can be used to pick the wood up, move, split & drop the splits into a pile, trailer, or truck.



LM - 1

LM - 1 - This one can be rotated to work sideways or be pointed downward.



LM - 2

LM - 2- More commonly used with a skid loader where there is better visibility.

Pros: Able to handle the large rounds with ease. LM - 2 appears to have a 6 way wedge fixed to the beam.

Cons: Uses lots of fuel, increased wear & tear on expensive equipment. It takes time to maneuver the vehicles around, harder for several people to work together.

5 - Bi-directional splitter (BD): They can split the rounds in both directions of the cylinder travel.



BD - 1

BD - 1 - Has a double sided wedge.

Pros: Cuts your cycle time in half. Can keep 2 people busy loading & moving the split wood.

Cons: Greater risk of injury with second loader having no control over the wedge - It requires very good teamwork & keeping your hands on the sides of the rounds not the ends. Some do not have the log/split catcher & should be upgraded to have them. They really help to decrease bending over & smashed toes.



BD - 2

BD - 2 "Tempest EF-3 Wood Splitter" It uses a wedge system at both ends with a push block in the center.

Pros: Cuts your cycle time in half, pushes the split wood onto out feed tables, uses multiple edged wedges. Out feed tables fold over toward the middle for transport.

Cons: Pushes the split wood in 2 different directions - Not a problem if you have 3 or more workers or if you have crates or elevators under the out feed tables to catch the split wood. All splits are a fixed size - A plus if you are making bundle wood, but where are the bigger pieces you need to keep the wood stove going all night or while you are at work? Also leaves lots of debris. You have to stand on the log lift for proper body alignment while splitting.