

Re: hydraulic info

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- *From:* "Lloyd E. Sponenburgh" <lloydsp@xxxxxxxxxxxxxxxx>
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"bruce lazer yahoo.com" <brucelazer@<nospam>> wrote in message news:5lnk4314gg9d2c4vafscugleort928u2r9@xxxxxxxxxxx

Can someone recommendation a hydraulic pump for a arbor press I'm building. I have an electric motor 3hp 1750 rpm
<http://www.marathonelectric.com/motors/partdetail.asp?PARTID=I113&MAJ=GS&MIN=&DAT=>
and a lion 2500 cylinder 4in bore 2in rod. I built a log splitter with a Barnes 2 stage 13.6 gpm 7hp gas engine that works great. Barnes does make a smaller pump, 11gpm, but they still recommend 5hp 3600 rpm. Also are there any web sites or newsgroups for hydraulic forums, info or FAQ.
Any help would be appreciated

You'll find the 13.6gpm pump works fine at 1750 with a 4" cylinder. Travel time will be OK, and you'll still be able to get up to about 1400-1500psi on the second stage.

Likely, you'll not need more than 1500×12.56 pounds (9.4 tons) of actual force for most pressing jobs.

I tell you this, because I built a press with the Northern Hydraulics parts you called out. Works fine.

LLoyd

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