

MARK HEMMER /BLACKSMITH

1:49-1:59 Walk up to fire, stoke it (probably adjust speed back up from slomo, whatever u think)	Music off top with fire for 5 sec or so? (I will find fire sfx and music)
Above shot continues a bit (pls see if you can slightly adjust this angle of interview shot – zoom in just a tad so you can tilt up to decrease headroom?) Name key: Mark Hemmer Blacksmith/Farrier	(Hemmer) 4:44 Well the blacksmith is the king of all trades. Um The blacksmith made the tools before we mass produced everything.. it was the blacksmith who had the ability to work the steel, the iron, and so whether you were a tailor, he made your shears and your needles, if you were a surgeon, he made your saw and your scalpel.502
Tools 1:05:43 Tools 1:07:20 hammers hanging 1:07:52 hammer heads	1148 if you were a carpenter, he not only made the nails but the blacksmith made the hammer you drove the nails with 11:53
On cam Holding nail in lap? 35:40 OR 48:29 generic shot fire in forge	642 and that was the stock in trade of a blacksmith, if you had any extra time, just make nails. 647
(raises it into shot.. then cutaway to silhouette nail @ 36:09	6:55 here's one right here
Continue tight shot of nail	3540 (vo) they call it a rose headed nail, 5 sided headed square nail 3544
1:13:44 – 1:13:49 grabs tools walks to horse (out when he drops tools) 1:11:46 two old shoes nails on wall 1:12:10 single shoe on wall	5:12 and in small town rural America the blacksmith was also the horseshoer because he could make the shoes, he could work the hot metal 5:20
1:14:09 tight file nail ends off	(nats of filing)
1:18:29 xws same action	3:49 the way I became a farrier is I couldn't find anyone to shoe my own horse. 354
On cam 1:28:00 horse lifts foot 1:17:00 ws foot btwn Marks legs 1:14:34 taking old shoe off 1:14:46 his cu same	230 And I asked the guy who I could get every once in a while to show me how to put a shoe on so if I lost a shoe while out trail riding I could put the shoe back on, and I just fell in love with it. It intrigued me, working with a live animal and putting a steel shoe on. I've just been ever since

<p>1:16:24 ws knife action 1:15:12 tight trimming sole 1:15:33 ms knife down switch tools 1:15:49 sole pieces fall on ground 1:17:34 puts foot between legs, file 1:18:03 file from side 1:28:57 horse face 1:18:07 he checks his job 1:18:54 file front 1:30:51 front of truck 1:20:53 take shoe out of forge OR 1:35:19 slomo version (speed up) 1:22:46 ws side view hammer truck 1:24:03 xws same from down aisle 1:21:58 os hammering at truck</p>	<p>doing it. 2:51 2836 In a horse's natural environment, he wears its foot off at the exact same rate it would grow so they don't need anything. In modern, the way we use a horse, they need a shoe for protection but because of that the foot continues to grow and doesn't wear off at all. So at the end of 6 weeks the angle usually shallows on the horse so the shoe is removed the foot is re-trimmed to its proper place and either that shoe is put back on or you make a new, forge a new shoe. 2908</p>
<p>1:24:13 -16 come down hot shoe 1:28:01 tight on feet as he picks 1:24:19- :20 hot shoe smoke 1:24:22 tighter same smoke 1:24:43 more smoke drops foot 1:29:22 horse with ears listening 1:26:10 shoe in place and tap nail 1:26:50 Mark cu hammering 1:28:09 xws front same</p>	<p>2908 I do everything hot, so the shoes are forged hot and usually burnt on the foot to make sure they fit perfectly and then of course the shoe is cooled off and nailed on and clinched, the nails are bent over and made into, a nice tidy clinch and cleaned up and you're good to go for another 6 weeks. 29:27</p>
<p>1:27:14 quick shot clinch bend nails over</p>	<p>(nat pop hammering/clinching nails)</p>
<p>On cam</p>	<p>13:22 most of my work in blacksmithing is I'm a tool maker. 13:25</p>
<p>47:19 ws close forge door – and/or 48:13 same, new angle 42:48 table with various tools 44:35 hanging tongs</p>	<p>1332 I enjoy making tools for other blacksmiths and farriers hammers, tongs, punches, drifts, all of the tools you use everyday, that's what I like to make*13:45</p>
<p>59:07 hammering in distance anvil</p>	<p>(pop hammering on anvil)</p>
<p>Above shot continues</p>	<p>18:06 your anvil is the most important tool you have.</p>
<p>On cam 36:21 hand gesture as talking (?) 58:08 hammering on anvil</p>	<p>10:15 when you're working on the anvil, it is a rhythm you get into with the hammer – it's a dance between the hammer, the anvil and you and you'll see a blacksmith often hit the anvil instead of the work and what he's doing is keeping the rhythm going as</p>

back on cam 58:30 more hammering	he's looking at what he's doing he's got that split second to think where that next blow's gonna be , he'll keep tapping to keep the rhythm going 10:41 (nats)
On cam 57:16 power hammer tilt down 1:02:47 hammer on anvil on cam 1:01:29 tight powerhammer glowing 1:01:43 power hammer xws	18:32 I do a lot of my work with power tools, with power hammers, which takes a lot of strain off my body and I can do it a lot faster and I can work bigger stock much bigger stock – if you're swinging a 2 lb hammer there's only so much you can realistically do to move steel , where if you wanna do something bigger , my powerhammers, you can move a lot more steel in a very short period of time. 18:57 (pop power hammer)
1:03:11 forge door shuts 43:49 finished hoofpick in hands? 1:31:42 rack 2 horses paddock OR 1:32:05 single horse	24:48 today I was going to make a hoofpick, a very ornate hoof pick – and a hoof pick is what a horse owner uses to clean the dirt, mud and rock out from under the horse's foot. 2459
51:27 tight take out of fire and/or 52:31 xws take out of fire 51:43 fullering on cam	25:05 blacksmithing in general is a series of processes whether you're upsetting, drawing out, twisting, fullering..// and a hoofpick is a lot of those processes ... 2516
Cut steel 45:28 (speed back up?)	(nats, use sfx from grinding? 46:55)
46:15 & 46:55 more sparks grinding end	25:20 so I'm gonna start by cutting a piece of steel, and marking it, it'll be 5/8 square ..
48:41 ws at forge check it 50:10 tight red iron on anvil	(nats segment of it in fire getting hot and then nats of hammering grooves)
51:04 his quick mcu 49:00 grooves ws 50:37 tight grooves	...// then we're gonna put some fullering grooves in it
54:27 put it in vice? twisting ws	(nats puts it n vice)
54:49 tighter same and take out of vice	and then its gonna be twisted into a very ornate twist ...
1:00:26 xws puts in forge 1:02:57 it is sticking out of forge*	(nats fire)
55:38 powerhammer 57:31 tight powerhammer and out of shot	and then im going to do a drawing out of both ends under a power hammer , which makes it a lot easier for me to do and , as opposed to doing it by hand, a lot faster. ,,

1:03:11 forge, door closes OR 1:03:24 pan off forge, dissolve out 58:53 ws shape hook	(nats forge then hammering)
(shot continues from above) 1:03:38 tighter shaping hook 59:58 hammer loop on cone	and then shaping what's been drawn out into a hoof pick 25:46
1:04:02 – 1:02:04 double dunk hot tool in bucket, steams	(double dunk bucket – steam) 1:04:24
1:04:10 brushing	(brushing wire brush) 1:04:10
1:05:03 set down on anvil	(nats set it down)
On cam 53:51 Jake sledgehammer 54:12 new angle same back on cam	2949 any blacksmith or farrier in this area knows my shop is open and they come to .. Jake is with us today, he is a young farrier, makes his living shoeing horses he's gotten into knife making. He comes by and uses my equipment and helping him learn how to use the power hammer and he's turned out some beautiful knives. 30:12
38:14 Pick up knife and out of shot 38:48 new shot in hand 37:54 low shot knives on table	(Jake Kraus vo) – (please tighten audio where you can) 3848 its actually an old shoeing rasp ..as soon as they get worn out we make knives out of them, really good high carbon steel..
39:18 roll broll in early from next sot "these are all Damascus"	39:00 Kinda like recycling actually
Shot continues set knife down	39:20 and then these are all Damascus.
above shot continues a bit On cam Jake Kraus Blacksmith/Farrier	4054 damascus is pattern welded steel // and you weld it together in the forge and when you etch it with the acid it makes the pattern.. 4105
1:01:14 Start Power hammer) OR 1:02:16 same with Mark	4013 so I came over here and we powered up the old power hammers
39:54 knives on table	3951 the pursuit of a craft you know..
Shot continues	39:57 I love it (vo)

<p>On cam</p> <p>1:18:27 xws horseshoeing at edit</p> <p>1:12:58 Try garage door shot, (probably speed up real time)</p>	<p>(back to Hemmer)</p> <p>2640 it's a very rewarding job and I still consider it my hobby. // 26:53 I get up every day and I still wanna go to work at 64 so I'm a lucky lucky person in that respect.</p>
<p>Possibly add 1:08:41 low walk?</p>	<p>3341 It's physically taxing, definitely</p>
<p>On cam</p> <p>42:40 mcu</p> <p>42:52 pick up hammer at table</p>	<p>26:26 I think it keeps me young</p> <p>21:57 you know in making tools, especially the hammers that I make, I know that hammer will still be a usable tool 100 years from now it'll probably have a new wooden handle for certain, but that hammer head will be around a very long time 2213</p>
<p>On cam</p> <p>1:23:07 xws comes down aisle..</p>	<p>22:15 it's a great satisfaction to know.. that long after I'm gone, it'll still be there. 2220</p>
<p>picks up foot, "there you go.. " nats</p> <p>OR</p> <p>1:28:11 xws hammering shoe on</p>	<p>1513 that tool is always gonna be used.</p>