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Hello All, In a bit of a bind here. I have just gotten an ABDick 9985 (Ryobi 3302). It doesn't have many impressions on it, but it was set up to print yery thick envelopes when it arrived. There was about 1/8" felt packing behind the plate, with plate setting to the max
(0.30), There was also a sheet of 30lb paper behind the blanket for packing. Man, this thing was dialed way out of spec. I've spent the past 3 weeks of whatever spare time I've had dialing this press back to factory setting so I don't use the packing at all anymore. But, I still need help on finding an exact solution. The 2 Problems: Problem 1... my plate
& blanket get 2 lines of ink that go entirely around their cylinders on the non-op edge of the cylinder and halfway between the op-side & the middle of the cylinders. I am able to start the machine, run it in the water setting for as long as I want and the plate looks amazing. But, when I switch it to ink (with form rollers in night-latch -or- non-night-
latched) my blanket begins to get scummed FIRST then it carries over onto my plate & ruins the plate. --- I can adjust the fountain solution being fed and the ink dissipates, but now I have a huge buildup of ink on the edges of my blanket and my paper gets damp if I try to feed it through the press. It almost seems like ink form roller 3 makes contact
with the blanket accidentally. Problem 2... It almost seems like all the ink from the blanket does not transfer from the blanket to paper despite being set to 0mm on the impression setting. My setup & what I've tried:
Crestline Altra Series dialed-in to correct pressures Varn Super-Lene Fountain Solution (Diluted) [Thinking about switching to GenieJet Inket Plates 0.175 thickness (Heated through conveyor dryer to 320F for curing) Ryobi 5ply blanket at 2.5mm thickness (compressible) All form
lines on the plate are 3.5mm, except water form 4mm to spec Had to open the side panel and adjust the blanket to impression pressure in order to print on 24lb paper. as compared to the thick envelopes; was this wrong? My questions: How do I adjust the pressure between ink form roller number 3 and the oscillator roller on the back? How thick
should the paper be that runs through the press? Do I need to change my fountain solution? Here is my best current print; you can see the scum remanence on the left side of the print. In addition, it seems like I'm still not getting enough pressure
bolt maxed out. Please Help Do you have a manual for this press? Some of the answers to the questions you're asking here can be found in it. My questions: How do I adjust the press? Do I need to change my fountain
solution? Here is my best current print; you can see the scum remanence on the left side of the print. In addition, it seems like I'm still not getting enough pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and with the side panel pressure between my blanket and impression despite being at 0mm thickness and 0mm thick
roller diameter. You will NOT be able to achieve good stripes or pressures when the rollers shrink below specification which happens every couple of years. So buy a couple of years or pressures when the rollers shrink below specification which happens every couple of years.
to the manual. You'll be glad you did. YMMV My questions: How do I adjust the pressure between ink form roller number 3 and the oscillator roller on the back? Here's a scan of what the service manual has. It's that small screw close to the adjustment for the pressure to the plate. I do have the rest of the service manual (for ryobi 3302M) if needed.
I've found the same thing as chriscozi mentioned, it's very sensitive to having the correct pressure and good rollers. Do you have a manual for this press? Some of the answers to the questions you're asking here can be found in it. Hello, I do have access to the operation manual, but not the service manual. Thank you for clarification. 3302's and all
variants are known to be very sensitive to roller diameter. You will NOT be able to achieve good stripes or pressures when the rollers if you haven't. Not cheap but probably necessary. We always kept a spare set on hand. Then take your time and learn
how to set the pressures correctly according to the manual. You'll be glad you did. YMMV I will purchase a new set of rollers. Out of curiosity, would the process for replacing the rollers be found in a service manual? Thank you so much. Here's a scan of what the service manual has. It's that small screw close to the adjustment for the pressure to the
plate. I do have the rest of the service manual (for ryobi 3302M) if needed. I've found the same thing as chriscozi mentioned, it's very sensitive to having the correct pressure and good rollers. Hey ID13, That is EXACTLY what I was looking for. Thank you so much! If at all possible, would you be willing to scan the service manual, all I have is the
operation manual. Thank you again so much! Hi all, It's been awhile. I'm having some toning issues with the press and I can't figure it out. It's an Itek 3985 (Ryobi 3302) with Crestlines at technical term) on the oscillating roller and a tiny but consistent dab on the Crestline fountain roller, then turn it
on. While it's running, I drop some ink in the fountain, kick up the sweep lever a few notches and send some ink into the ink train. I generally stop it before the rollers start hissing. Now, there are all new soft rollers in the head in question (the second one) but the Crestline rollers haven't been replaced yet. The toning I'm getting is in the middle of the
sheet laterally, so from NOPS to OPS. It's very strange. A friend of mine has a Ryobi 3302 with Kompacs and Crestlines behave the same way, in that regard. Would this actually
help? I've seen elsewhere that if Crestlines get over inked, the best solution is to clean up and start over. I'm using Universal Pink fountain solution, about one ounce in a 32oz bottle and the rest water. No alcohol sub. I run poly plates made on an HP Laserjet 5500. I previously had my form rollers set to spec from the manual, but recently decreased
them because I was having scumming problems and tons of bad plate wear. The press seems to run better with smaller stripes? That's going to be more important than
the form to plate stripe. I've been known to lift one form lever & run with either 1 or 2 forms to track down stuff like this. Hey there, I did check the form to oscillator and the stripe looks good. a buddy of mine that's a press operator at another shop stopped by today. We did some troubleshooting together. We're thinking it may be the fountain
solution. He uses a different press but almost the exact same water system, as well as the same places imaged on the same machine. He said he can't use Universal Pink at all, so he's gonna bring me some of his stuff and we'll see if that works. The problem seems like it could be chemical, rather than mechanical. Although, I'm wondering about the
form roller stripes. Does anyone here use a Ryobi 3302 with poly plates? If so, do you set your form roller stripes to spec or something different? Hope to get it all figured out soon. Thanks, and have a good holiday weekend. - Lantz I run 3302 with poly plates. Does plate maker use photo graphic chemicals? Forms to plate should be as recommended.
What about blanket to impression. Too much packing? I got kompacs, 20z-26water. The pink stuff. Plate to forms, you want the least amount of pressures, on un coated stocks. Don't ink up the crestline. hope this helps. Best way to ink the water system is to ink the press up put an old plate on the plate on the plate on the plate ink with the plate ink
forms and water forms. That will get you a better more consistent ink flow. This is the best way to clean the press as well. Take a bottle of water and mix it with 20 percent vinegar. After cleaning all the ink off the rollers use this as a follow up wash. Another thing is to take the water rollers out and scrub them with pumice and water then follow up
with the vinegar rinse. If this gets rid of the toning it will only be temporary. Crestlines are great when they are new but dont have a very long shelf life. If the toning does not start up right away and gets worse as you run the ink could be piling on the meter rollers. We used to use a half oz of ARS-X alcohol sub. We did not use it for dampening but to
help emulsify the build up on that roller. When ink piles on the roller it greatly reduces the amount of water that can get on the plate. If the toning is on one unit try swapping the meter roller and see if that does it. I ran a 3302 for 9 years using poly with pink and my best was getting 2 years out
of the rollers. I am betting that is the problem. Alcohol sub is a must when running poly and the only one that worked for me was Anchor ARS-X Hey, thanks for the replies, everyone. Richard - I don't change my impression much but that could be part of it, I'll check today. So when you ink up, you don't put a small bead of ink
on the metering roller? It seems like it takes a long time for the Crestlines to ink up if you don't, and everything looks like crap. There seems to be lots of variation on this subject - the manual says to do that, and I know people that swear by it and people who never do it. Very confusing! RGP - Thanks for your suggestions. That unit could need new
Crestlines. I have new Crestlines on the first unit but haven't used it since I put new rollers in the ink train. I was waiting on a part to come in for the plate clamp. I'll see if I can isolate the issue. I'm hesitant to add alcohol sub to the mix - I don't know anyone with Crestlines that uses it. But it's a good thing to keep in mind if things get too desperate.
I'll update folks today or tomorrow when I've had some more time with it. Thanks! - Lantz The sub is not going to hurt you. The dose is so low it will not change the wetting ability of the fountain solution it just help liquify the ink build up on the meter roller so it can get back into the press. The piling got so bad on our press we could scrape ink off the
meter roller with a business card while the press was running. What I mention about inking up you put an old plate on the plate cylinder with the plate. This will transfer the ink from the ink train and ink up the damp rollers. This is
big. Ryobi is backwards on their thinking. They say a 3.5 mil stripe to the plate and a 3 mil 
that plate on the cylinder, engage the cleaning attachment, and keep the press in neutral until the forms to the plate and use more press wash and water until the Crestlines clean up. So instead of tossing that plate then, I should keep it on the cylinder and use that to ink up next time? Is there no risk of
residual press wash contaminating the ink train that way? I always follow up with water because of the specific wash I use (Brigl - the stuff is really oily) but I just want to make sure I understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 8mil or not. I'm also going to try some different fountains to make sure I understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 8mil or not. I'm also going to try some different fountains are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 8mil or not. I'm also going to try some different fountains are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 8mil or not. I'm also going to try some different fountains are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 1 understand correctly. I'll see if I have better luck with your stripe settings. I can't remember if my plates are 1 understand correctly are 1 understand corre
solution today so I'll see if all these things together resolve the issue. Thanks! - Lantz Hey everyone, I have an update. So, the new fountain solution my buddy dropped off works MUCH better. That combined with re-adjusting some roller pressures, and I think the toning is much more controllable now. But the other huge thing that has me getting
nothing done is severe plate wear. My plates are disintegrating. My friend with the Ryobi + Kompacs thought that maybe my dampening pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning more or less disappears thought that maybe my dampening pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure to more what it should be, the toning more or less disappears the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse. If I set the pressure was too heavy, as he's experienced that problem in the past. But if I back off the dampener form, I get toning out the arse.
might warrant a new platemaker. But I'm hoping this is an unlikely reason. Any ideas? Thanks! - Lantz Toning means the plate at the center. Increasing the pressure will bring more water to the plate at the center. Increasing the pressure will bring more water to the plate at the center. Increasing the pressure will bring more water to the plate at the center.
plate but the excess pressure seems to shorten plate life. Perhaps it is time to replace the Crestline rollers as well as form to plate. They can become glazed and shinny and not transfer ink and swatter well. I always found that Crestline's adjustments and
recommendations were a good place to start. If the first unit is performing OK, what is different about it? Tom Tech Hi. We have a Ryobi 524 which we are trying to run envelopes on. Press feeds them fine, no issues at all...even knocks them on delivery in a pile neatly. But it is KILLING blankets after 10-15 envelopes. The flap is digging in causing a
slight sink in the blanket that then causes it not to touch the plate and get the ink/image. It impressions fine with a bit of extra pressure but its denting the blanket beyond the gap between it and the plate and wont ink the part where the flap is due to the extra thickness.. Any tips? Thanks Sounds like you are using the wrong kind of blanket. You need
a compressible one. Check with your blanket supplier. Al There's a product called "Blanket Saver" which you can use with a compressible blanket. It's a gel which you are having. we are adding a new press, and i would like some advice as we
are comparing these two models. anyone with any input or experience with these two machines please give advise and opinions.... thanks in advance Last edited: Oct 18, 2009 Only Ryobi presses I've worked on are 524H with AAC system and a 662PFH and I honestly would rather be out of work than be paid to operate another Ryobi press. I ran both
Just my 2 cents. Riceobi Riceobi Riceobi Riceobi Riceobi Comparing a Heidelberg to a Ryobi is like comparing gold to tin. Hiedy is the best in the world. Presently it seems as if Ryobi is more geared toward the waterless copier market called a DI. They are deeply committed to Presstek and those proprietary supplies they make. If you are a true printer buy a real press or stay
with the lower end machines like a Ryobi or Presstek DI Or consider Toner OG We were down this road four years ago. We went to see demos of the ryobis running and they were pretty impressive. The new ones with coater are not the same generation as the 3304 and 512 series.
inline coater. You can turn your jobs immediately with minimal powder plus most customers expect some sort of coating. update: it's a speedmaster, not a printmaster... i corrected the thread title I have to second what neil has said.. stay clear of the Ryobi.. i also ran the same 524HX that neil ran at the same company.. Bloody terrible machine,
shoddily made, cheap and nasty in my opinion.. We were always replacing parts on the machine, compressor, pumps. we ended up replacing the parts ourselves as the engineers that worked for Ryobi in the UK didn't know what they sent
an engineer that had not even opened up a feeder before, so i sent him away and did it myself.... Steer clear of Ryobi..... if you want decent press, decent print quality and decent press, decent press, decent print quality and decent press, decent p
524GE comes with a console, and a semi automatic desnsity reader integrated to the RYOBI? Dude, there is not one Speedmaster 4-color without a console. Heidelberg's weak pointg is the power consumption and the electrics-electronics.
Noone can beat the Japs on that. Ryobi has also a better feeder to my taste. Heidelberg is a better equipped press with very good after sales service. actually the one we're ordering they had to take off the console to lower the price....? You've got to be kidding! Have
you put down a deposit yet? Don't mean to be rude but you're going back in time 25 years by not utilising the off press controls. Honestly, I'd rather buy a refurbished press from the late 80s' - early 90s'. It's a buyers market. i dont think 80 or 90s. I would go late 90's low miles. or 2000 up. certainly cheaper than new autoplate. plate cocking a must
definately need cip4 i wish that was an option the money we have is a grant, and we can't go over a certain number and it has to be new... If I dont see a picture of this, I dont believe it. I cannot accept that there is a 4color machine out there with no console. That means no remote ink control, no CIP 3, no register control, no automatisations. What
kind of a mickey maus machine will that be? Buy a goddamm Gto, Buy anything with a console. Post a picture of this machine really? no console. how are you going to run a brand new "computerized press", with no computer pointless in having a press with
technology that you can't use. Bit like buying a Ferrari and just driving it in first gear all the time. Ryobi VS Shinohara 52iv Ryobi VS Shinohara 52
colour printmaster 52. The rollers are not washing well. Can you kindly suggest something. Anil 1. Make sure that the washup programm is suitable 4. Make sure that the washup nozzels are not clogged We just
installed our Ryobi 3302H, and the press does not feed paper into the grippers. ItA's picking up paper just fine but when it arrives to the push guide it stops right there and refuses to feed. Any thing we can try to get it to feed? We are not very familiar with this press. Does your press operator have prior experience with portrait presses that have a
register table and push type side guide, such as Hamada or Multilith? If the sheet stops moving it is for one of two reasons: it encountered an obstruction, or it ceased to be driven. Are there balls or wheels holding the sheet against the feed board tapes? Try this: with the press running at the slowest speed (for safety) feed a sheet and when it comes and when it comes and when it comes and the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the press running at the sheet against the feed board tapes? Try this: with the sheet against the feed board tapes? Try this: with the sheet against the feed board tapes? Try this: with the sheet against the feed board tapes? Try this: with the sheet against the feed board tapes? Try this: with the sheet against t
to a stop at the side guide position, very carefully press the sheet against the moving tapes underneath. Does the sheet against the moving tapes underneath. Does the sheet against the moving tapes underneath. But one thing I noticed is that Sometimes
a 2nd sheet will force the first sheet thru but even then the first sheet gets stuck in the feeding drum and does not come out thru the delivery. Last edited: Nov 28, 2013 By that time the first sheet is considerably out of timing. Of course it will get stuck. The concept of timing for the machine as a whole and for the sheet travel is essential to
understanding the cause of the problem you describe. Please respond to the questions and suggestion in my earlier post. Al I see from the 2:30 edit to your earlier post that your operator does not have experience with presses having this type of feed board with tapes. There need to be balls or wheels lightly pressing the sheet on to the moving tapes
The sheet is fed by the pickup suckers into the pull out wheels. After the sheet finishes passing under the pull out wheels, the tapes are the only source of motion, hence the importance of balls or wheels) on the sheet on the feed board? Other
posible causes of the sheet stoping are that you have the push side guide pressing the sheet too hard against the opposing spring "feathers". Or that the spring feathers have a wear grove in which the paper is getting caught. Check these things out, and post back. I had a shop with a 3302 with Crestlines up to about 5 years ago. It ran well for me. Al
Last edited: Nov 29, 2013 The Wheels are set according to the manual. the sheet picks up just fine, moves along the belts fine, but when it hits the register it stops moving thru the feed rolls. I tried to give it a little push as you requested but it only moves forward a couple of inches and stops. It seems that the problem looks like the feed rollers are not
helping the sheet go thru. When I said "hit the register" I mean when the push guide some more. The sheet just stops at the guides and does not go thru the feed rollers. I am pretty
sure it's the feed rollers, we tried all kind of settings but nothing seems to work. The 3302M is very different than the 3302M. The H series has a solenoid that blocks out the upper forwarding roller on doubles and the M uses a deflector gate. The 3302M also has a paper set up feature that allows the operator to set up both the feed board and the CD
jogger. On a 3302M you inch a sheet down and set the guide etc. and the upper roller drops and forwards the sheet into the grippers. On the 3302H just use the set up feature. The sheet will go down stop and then you set up the joggers. If you wish to inch a
sheet all the way thru the 3302H make sure the pump and feed switch are ON. Make sure the upper feed roller drops at 0 degrees. Thanks for chiming in. I didn't know those things about the H press. The one I had was an M. So what do you think is the problem for the OP? Al I am not sure because I am not there to see the problem. With all the waysner feed roller drops at 0 degrees.
you can make videos now maybe he could record the problem. Most 3302M operators do not know the set up feature and how the upper forwarding roller is blocked out with the solenoid. So is the upper forwarding roller is blocked out with the solenoid. So is the upper forwarding roller blocked out with the solenoid is loose? Is the upper
forwarding roller actuated entirely by that solenoid and not by a high spot on the camband? Al Last edited: Nov 29, 2013 Al I have no clue if a wire is loose or what the problem may be without seeing it. The cam band is the same as a 3302M. If the owner has an OP manual all the info is there to help him. I am still curious to know if the upper
forwarding roller is blocked out with the solenoid when it is energized, or when not energized? Thanks, Al Did you follow the discussion I was having with smalloffsetpressexperts? I am guessing that for some reason the upper feed roller assembly is not coming down to make contact with the sheet. Do you see any movement there? How about when
turning the machine completely off, then turning it on again; do you see any movement of the upper feed roller assembly is outside of my experience; so I am just trying to make intelligent guesses here, but I am running out of ideas. Al I am now pretty sure the sheet does not feed because of
the upper feed roller. ItÂ's set to open at 0 deg. But it does not let the sheets go thru. WhatÂ's causing this? But when is it set to close? Remember I am not familiar with the H press. Is the 0 deg opening at 0 deg and closing at 34 deg
But one thing I noticed is that the upper feed roller opens to let the sheet thru it just opens and closes. I took a video to show what's happening, when the feed drum. It's not being picked up by the grippers. The video does not help us help you much. On the other hand, your observation
that the upper feed roller does not rotate (the video does not show that) is very important.: 1. Is it free to rotate by hand with the lower feed roll actually make contact with the lower one? If the answer to all three were true or yes, the sheet would not continue to just sit
there as shown in the video. I suppose it has some value after all. Al Read my post. Press the feed button...inch a sheet down to the stops and at 0 degrees the upper forwarding roller should just touch down on the lower rubber roller. If not increase the feed volume via the chrome knob with the red arrow. It looks like the
solenoid is releasing as the paper is fed into the grippers by the belts Printing large envelopes on Ryobi 3302M The 9x12inch envelopes snag/tear on the underside, because the seams are not glued well enough and hook behind a machine part. Maybe the guides near the paperfeed-drum causes this. I saw that Richard had the same problem. He
mentioned that the guides can be adjusted. Can somebody tell me how? I hope someone can help me, because it takes a long time to glue back the teared parts. I would lower the head stops. By design they drop to allow the sheet forward and rise up partially which is the cuase of the tail seam tear. Lower so that in the middle position, they are still
below the feed plate. I agree that that is the problem. What I used to do when I had that problem was to create another high spot on the cylinder cam band with some sticky back blanket strips at a position that would lower the stop fingers again as the tail of the envelope went by. Al I did'nt realise it was the head stops causing this. Hopefully I can
adjust it far enough to solve this. Al Ferrari, if I understand it, you stick a piece of tape on the "cam"-wheel on the outer left side, above where there is already a bump on that wheel. This cam wheel pushes the upper feed roller down and also the head stop fingers, is that right? I'll try this the next time I print these envelopes. Thanks guys for the
advice, I appreciate it a lot. Sorry, I meant: on the "cam"-wheel on the outer right side. I'm not so sure how tick this tape should be. Chris Yes, the basic idea is to create a second high spot on that cam band so that the stop fingers (not head stops) are lowered again as the tail of the envelope passes. So this second high spot is created at a location or
the cam band approximately an envelope length away from the existing factory high spot. As to the thickness of the material used, note that I did not say tape, I said sticky back blanket, which is much thickness of the material used, note that I did not say tape, I said sticky back blanket, which is much thickness of the material used, note that I did not say tape, I said sticky back blanket, which is much thickness of the material used, note that I did not say tape, I said sticky back blanket.
unit, while head stops can be individually aligned front to back (to cock the sheet before it is taken away by either the cylinder grippers or swing arm grippers or swing arm grippers) and up and down (for different stock thickness). Stop fingers are generally found on small presses 13 inches or less in width, while head stops are found in presses or 20 inches or more in
width. Al That means my Heidelberg GTO has head stops. Thanks Al for the comprehensive explanation. Lays! Hello "Chris from Belgium" The Lays (Head Stops) are on the Swing Arm of Heidelberg GTO Press. Regards, Alois The Ryobi 3302 series has 2 flavors 3302M. The H has a feature that blocks the upper feed roller in the up
assembly works in Unison. It is very hard to defeat that fact. Sure you can lower the stops but you registration. There is a specific spec on setting the upper feed roller volume and the STOP FINGER height. Once this is set properly you can stick all the stuff you wish to the cam band but once that upper roller touches down the stops, if
in proper spec's will not lower any further. One factor to consider is the PROPER ANGLE. The guide stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the stock into the transfer grippers at the PROPER ANGLE. The guide is adjustable and if not set properly or is bent from jams etc., will cause the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly or is bent from jams etc., will be a stock into the properly of the properly 
ink. With all due respect for you knowledge of how these machines work, it does not seem that you have direct personal experience with the nicking problem that is the subject of this thread, or you would have offered your own solution. Or have you? This method of creating a second high spot on the cam band to lower the stop fingers as the tail of
the envelope passes by has served countless press operators on Multiliths, Hamadas, Ryobis and similar presses for a very long time. It was taught to me by another operator back in the early 70's. It's not my invention. Moreover the built up second high spot need not be as high or as long as the factory one. The nicking can often be overcome without
lowering the elevating frame as much as in the in-feed event. So that although a second push near the end of the envelope is indeed created, experience shows that the potential mis-register you allude to does not occur on the type of work generaly done on these machines. Al Last edited: Oct 19, 2013 Yes, if the stop fingers are lowered to the
ultimate position the envelop will not be alligned right (crooked/skewed text and wrinkled envelop). By the way, when printing small envelopes (with front-windows) on the back (flap) the edge of the windows also can get teared. I solved this by printing those ones on my GTO. Could someone explain to me; what is the meaning of the "H" and "M"
behind the 3302? Chris "Could someone explain to me; what is the meaning of the "H" and "M" behind the 3302?" You can find that answer yourself with a couple of on-line searches. Try to be more self sufficient. Al 9x12 underside rib tear 9x12 und
a buckle control on the gear side of the table, right at the drum, that circular snatch with the alrows and teeth, needs to be adjusted. wrench to un lock it, and 3mm key will make the drum to see the 4or 5 curved guides move. You want those curved
guides to open wider, because thats where the envelope rib gets snagged. Try a quarter turn, and see if thats enough. Because if they are open too wide, the sheet will go into the machine. Lock the nut, and after the run, you have to adjust it back again. Because bond will not run. wrinkles can also be a probem with that size. Thanks again to all. It has
been very interesting for me. I need some time to try out all this advice, but I'm sure I can make it run better now. Regards Chris Al, I am very familiar with the 9X12 tear and also on coin envelopes and any other nicking, scratching, mis-registration problems you can throw at me. I will never say I have seen it all before because I never know what the
next service call on a 3302 will bring. If pasting stuff on the cam band works for you than go for it. I offered 2 solutions, make sure the upper feed enhancement adjustment to the cam band per Ryobi, The disc will read 357-359 degrees. Once that is done adjust the
stops to spec. Check that the chrome guide plate is set to the proper angle, if it is too low or high it will affect how the stops work and may cause nicking. They are easily bent or thrown out of adjustment by paper jams. Regards and good luck Al, It has been years since I heard the term elevating frame that is what Multi used to call it. One of techs
that work for us had 29 years at Multi and he still calls it that same thing. Cool stuff. You do a great service on this forum. I started printing on an old chute delivery 1250 LW with separate knobs for each form roller. The trick of building a second high spot on the cam band to resolve the nicking problem on catalog envelopes was passed on to me and
worked just fine on that press and when I acquired a 3302 many years later, it worked on that press also. Al While printing large or small envelopes what is the main point that should be considered and kept in mind? Looking to enter the 4-color arena and the reasons I am looking at the Ryobi 3304 is: - I have a polyplate system that will make plates
for this size press - i am already outsourcing work to a shop that is doing all my 4-color work on this type press. 1- Will I be able to produce quality work using polyester plates? 2- Are their certain types of dampening systems that are problematic? 3- I have run a quikmaster 46 (2-color) for 7 years and have "actually" produced acceptable full color
work on this press......what would be an approximate learning curve for me? 4- What would be a reasonable price to pay for a 5 year old press in good condition? I need to get as much information (good or bad) that will help me in my decision Biggest draw back of that machine is you only have an impression area of 17.25 inches. You can not run two
8.5 x 11 sheets two up with bleed and produce a color bar. Poly can be used for process work but getting fit on all four sides is a huge challenge. Depending on age and impressions you could be looking anywhere between $85k/$150k Poly plates are fine to get a job to fit, just dont over-tighten the back edge or you will effectively stretch the image(if
you are doin good jobs on the '46 you will understand this) The ryobi-matic dampening works fine, but needs to be maintained and have correct chemistry!!! When going to the ryobi from the QM, once the normal learning curve on a new press is sorted(just the learning its personality) you will never go back to doing 2 pass 4 colour work... and if you
have a good eye colour bars wont be a prob... 3302/4 are a great little press, they take a good operator but in general will be a highly productive little machine Dont know how much they cost...but hope this helps a little Used 3304 Used 3304 Used 3304 I have a 3304HA with a stream feed that I am looking to sell. Year is 2002 with 15 mil imp. Location is
Console all come with the press. Let me know if you need any more info. SW I don't recommend this press based on my experience, we had both qm46-2 and 3304(not ha) in our shop, it took us almost 3 years to know the dampening system of this machine, the biggest
chanlange so far for this press is you need to find a very experienced operater, other than that, all of our troubles are from prepress because they never got any formal training on 4 color jobs. my suggestion, find an used heidelberg, you save lots of troubles. Looking to enter the 4-color arena and the reasons I am looking at the Ryobi 3304 is: - I have
a polyplate system that will make plates for this size press - i am already outsourcing work to a shop that is doing all my 4-color work on this type press. 1- Will I be able to produce quality work using polyester plates? 2- Are their certain types of dampening systems that are problematic? 3- I have run a quikmaster 46 (2-color) for 7 years and have
 "actually" produced acceptable full color work on this press.....what would be an approximate learning curve for me? 4- What would be a reasonable price to pay for a 5 year old press in good condition? I need to get as much information (good or bad) that will help me in my decision The 3304 is not supposed to run a 17 3/4 sheet, or 18"..... but it will!
(run slow) Also, color bars can go in the middle or the tail for bleed jobs on 8.5x11 OR from the console you can plug in a floppy from the color is set before starting run or pull the first 300 sheets(that is what worked for me for consistency) Even
with poly 4 color register is obtainable by having all plates snug but not tight! THEN they can be "stretching" do very little movements at a time(if you over stretch you will need all new plates likely) Stretching them is done by tightening/loosening appropriately in whichever clamp bolt area needs it.
I have a 3304HA with a stream feed that I am looking to sell. Year is 2002 with 15 mil imp. Location is Indianapolis, IN. I've down sized recently and doing most of my jobs on another machine. I have been running 8mil poly material ever since a bought the press. Metal will register better but poly will work fine once you get the hang of it. Auto Plate
loaders, powder spray with IR dryer, Royce chiller, Ryobi continous dampners, plate punch, and Ink Console all come with the press. Left Coast I was offered a 2006 model repossesed press recently. I deal in Ryobi's. You could probably get it for
under $100K installed or less if you want to do it yourself. [email protected] The 3304HA/4995 with Crestline's will print just as good as a DI and it saves money by enabling you to use a wider range of supplies and not be a slave to the Laser Boys. Left Coast PM your info I may be able to use your services Ryobi 3304 Error Code Ryobi 3304 Error
Code Hi, We have a Ryobi 3304 here in Connecticut and we have been getting an E32 error code and machine won't run.. does anyone know of a good Ryobi press technician. We are having problems with a 524GE and need a knowledgeable serviceman
to look into it. We've tried Xpedx but have been getting the runaround for parts and service from them. My next thought I would be to go to Ferrostaal but thought Vou're on the right track with Ferrostal. They have taken over the rights for sales, parts and
service. I would imagine through this transitional period working with dealers you're going to be hard pressed to get someone. But good luck for sure !!!! Dave Howard at Advantage Press Services is full factory trained on all Ryobi models. 931-426-4803 I know a good one in Penn if that is close? Ryobi service Ryobi service Try Tom Oestereich 952
220-6945. He has recently serviced a 2 Ryobi 524 GX machines for me Our company is looking to purchase a new 14x20 press, 5 color plus coater. We have narrowed choice to Heidelberg SM52 or Ryobi 525 GX. Can anyone help us compare these two presses in following area and any other input you might have? 1. Printing on 20-24pt stock: Single
diameter imp. cylinder of SM52 vs. double diameter imp. cylinder of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 2. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting: Four oscillating form rollers of Ryobi 525GX (SM52 is optioned to handle upto 24pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to handle upto 32pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to handle upto 32pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to handle upto 32pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to handle upto 32pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to handle upto 32pt stock) 3. Mechanical ghosting form rollers of Ryobi 525GX (SM52 is optioned to h
Heidelberg SM 52 vs. Ryobi 525 GX we have a sm52-4h. the older style that maxes out at 16 point. we dont run over 200 lpi. the press will run the stock. I realized that is a 500,000 jump, but 24 point is a heavy board. the press is
going to sound like a washboard either way, have heidelberg and ryobi demo the machines. I would also consider resale value, 5 years from now if your market changes, whats the press going to be worth in trade. Re: Heidelberg SM 52 vs. Ryobi 525 GX Having run a variety of press old and new. The SM52 will give your a lot of versatility, our
Configuration is a 6 Color perfector (4/2) with Aq Coater. Fast make ready for your short run stuff 1000 sheets or less. 15,000 sph production with the "Mechanic in the Box" for three years. Durability and resale are factors to. This is our Third Speedmaster 52.
FYI We also have CPC2000 with access control. Re: Heidelberg SM 52 vs. Ryobi & service on both is quite frankly "up the shit" I don't know what country you are in so can't comment on your situation. have you considered Sakurai or Komori?? Re: Heidelberg SM
52 vs. Ryobi 525 GX As far as the Oscillating Forms vs. Non oscillating forms. They do make a difference. Our service and support has been excellent. If running 24 pt. all the time you might consider a CD 74 Re: Heidelberg SM 52 vs. Ryobi 525 GX I would recommend the Ryobi for several reasons 1. Double diameter impression and transfer cylinders
that allow a flatter paper path, less gripper transfers which means less opportunity for slurring and doubling, significantly less chance of marking on heavier stocks with heavy coverage. 2. Oscillating ink forms are available for the Ryobi but not all four form rollers because they don't need them and you can see the difference by performing a difficult
(job from hell) print test with same inks, plates, etch and subject matter. 3. You need to do an identical print test on both the Heidelberg SM 52 vs. Ryobi 525 GX Leo makes a good point. What your end result
expectations are, the ability of your operators, and your production expectations are factors to be considered as well as cost of equipment. Look most everyone makes good Ink / water / stock compatability., good maintenance habits,
Motivated operators who are not afraid of something new. Either machine should do you right. Service and support will depend on your relationship with manufacturer, and service techs. We are an all Heidelberg / kodak plant and have established good working relationships with our regional offices and Techs so they really take care of us. Re:
Heidelberg SM 52 vs. Ryobi 525 GX Hey Leo, You would not have a biased opinion would you? Regards, Mark Tonkovich Heidelberg SM 52 vs. Ryobi 525 GX Is this the same Leo that used to work for Shinohara? Re: Heidelberg SM 52 vs. Ryobi 525 GX Is would go with the double diameter imp
cylinder over the single. If your printing board stock that is the only way to go. Re: Heidelberg SM 52 vs. Ryobi 525 GX curly - I hope you plan to have a demonstration on both machines. Please pay close attention to the time and paper usage during makeready. Also the ease of use that the CP2000 adds. I believe you will be impressed with the SM
52's feeder and delivery which were designed to run at 15,000 iph. With regard to your questions: 1. Printing on 20-24pt stock on an SM 52. 2. Ghosting is a concern on particular print jobs. Take one of those to the demonstrations. 3. Print Quality - With
Heidelberg's bearer to bearer cylinders, consistent pressure and superior ink train should show you what you need to know during the demo. Yes, I am bias but the demo will reveal all. Kind regards, John O'Donnell Heidelberg USA Product Manager Sheetfed, Small Format Re: Heidelberg SM 52 vs. Ryobi 525 GX i have run both these presses and a
B3 Komori all at the same factory. Out of the 2 you have listed i would go for the heidelberg, it is a much more versatile press. We ran alot of 400 GSM Board but never ever on the ryobi, it maybe that we were unluck with ours but even with double sized imp cyls it marked to death but i would rather the komori more than the heidelberg, but to be
honest the komori was the best for board but was terrible for light stock (NCR, Low Grammage uncoated etc) the heidelberg xcelled in that. so i think it all depends on what is the most type of work you do, if your running lots of board do not touch the ryobi, and if your going with light stocks go for the SM hope it helps Re: Heidelberg SM 52 vs. Ryobi
525 GX Hi Todd, Yes, I used to work for Shinohara for many years and switched products. Am I biased like my colleagues from Heidelberg mentioned, well yes I guess so. When you work with a great product you can't help but to be proud and recommend it. Re: Heidelberg SM 52 vs. Ryobi 525 GX Hi Curly, I have experienced almost all the major
presses and i would recommend HD SM 52 in over all performance. A SM 52-5+LX with prinect Axis control would make an ideal choice of configuration. Also it depends what type of board grain you are going to use, Single and double impression cylinders is a never ending story. In todays time one must look for the over all performance of the
equipment, service back ups, parts, trade in values after use. In my view SM 52 is a high performance press which will not dissappoint you in all areas in longer run. PRINT No question, Ryobi 52 over SM52 The SM52 can only dream of being the press the Ryobi 52 over SM52 to question, Ryobi 52 over SM52 The SM52 can only dream of being the press the Ryobi 52 over SM52 The SM52 to question, Ryobi 52 over SM52 The SM52 can only dream of being the press the Ryobi 52 over SM52 The SM52 to question, Ryobi 52 over SM5
features and you will see that Ryobi has the best 52 on the planet, bar none! Although, inking, dampening, feeding and delivering are great on the Ryobi, the Ryobi, the Ryobi has the best 52 on the planet, bar none! Although, inking, dampening, feeding and delivering are great on the Ryobi, the Ryobi, the Ryobi has the best 52 on the planet, bar none! Although, inking, dampening, feeding and delivering are great on the Ryobi.
Ryobi is probably the most robust 52 you will find as well. As far as 52's Go, Ryobi is is the crown jewel. DO NOT buy a Sakurai. G The Ryobi IS the machine for you. Have your dealer arrange for a Print Test demonstration. The results will be significant, and with the double diameter cylinders, you will be doing yourself a huge favor. All the best, Bob
Heidelberg SM 52 vs. Ryobi 525 GX Curly, If you are going to run substrates up to 32 pt but it also runs UV and can be equipped with a coater. Being a waterless press means that you will print clean and have little makeready
waste to contend with. Another feature is that the press has a large impression cylinder that will not let the sheet slap or scratch while it goes through the press. If you have any questions feel free to contact me offline. Eric Friedman No. American Sales Manager; Waterless Toray International America, Inc. 843 693 7949 [email protected] who
supplies your waterless plates and lasers? Toray plates are available through KBA North America, Pitman and also The Oldham Group in the US Any 830NM thermal platesetter can be used with the Toray waterless CTP plates didn't I see that kodak was selling its toray plate plant. Hello, I run a small offset shop/bindery that is part of a nonprofit arts
exhibition space in Portland, OR. I run mostly one and two color jobs, occasional 4-color work-stuff like invitations, posters and catalogs for our shows, as well as illustrated artists books that are made in collaboration with artists. We also have letterpress equipment, and a 1905 smyth sewing machine that I nursed back to health. The vibe is small and
scrappy, but we are able to produce some cool stuff. If you're interested my press is at Info: Container Corps and the larger nonprofit is at yaleunion.org Anyway, I've been running an A3 hamada press (611ECD) for about 6 years, using mostly poly plates imaged on an HP 5100, with occasional outsourced metal plates when needed. I'm ready to
expand to a two color press that can use my current platemaking workflow, and it seems like a used Ryobi 3302 is the way to go. They seem to come up fairly often for sale, and obviously being able to do 2 colors at one pass would be life changing. Seems of the come up fairly often for sale, and some at relatively good prices. I'm excited by the 3 ink form rollers (my hamada only has 2), and obviously being able to do 2 colors at one pass would be life changing.
like the register is more refined as well. My question is, what are the important things I should be looking for? I know I want crestline (what I'm used to) or kompac dampeners. But is there anything else that I should consider a deal-breaker when looking at these previously owned presses? Thanks a lot! Hi: I am at six years on a 3302. Kompacs, with
console control. So a 3302 M. The other model has a vertical controles. Sorry if this is not so clear to you. But that is a difference. They both have the universal feed table. And possibe variants with plate clamp. Its the work horse of the industry, hope this helps. The 3302 comes in 3 flavors. The older ones are 3302M, The newer ones are 3302H and the
present one is a 3302C. The older ones have 7 feeder belts; newer ones have 4 and sometimes 5. The first 3302M had very small push guides and there was an add on to extend the guides. I would consider that machine a red flag due to age and the electrical components they use. They would have a 4 roller Crestline also. Lever action machine. The
newer 3302M will have the belts as listed above and factory push guides and the ability to loosen the feeder belts to move them. Also to push from OP/NON-SIDE. Most times the Crestlines will be a six roller setup or an Altra without the geared form roller. Decent machines and newer style software and Inverter motor controller. Lever action
machine. The 3302H is my choice, Ryobi made the impression cylinder gear wider and did some other tweaks that make this press register and just print sweet solids etc. You can also tilt the feeder drum for crooked paper. These will come with a Altra series Crestline with a geared form roller. Just to many mods to list. Push button action machine
The newer model is the 3302C; this will have all the great features of the 3302H except it comes with a Ryobi copy of a Crestline. I am not a fan of any Ryobi water system I have had to work on or run. Kompacs seem to run very wet on these machines. Hope this helps you and I
enjoyed your web site and Hamada video. Keep it real man. Thanks, that's super helpful. Yes, the 3302H looks really nice. I really like the console ink control. Its like I can play "Real Pressman." Although all the ones I've seen come up are about 4x the price of the 3302M. Probably worth it, but outside of my price range. Do you know what year they
made the change to the push guides? I think things changed like in late 80's early 90's. But here is the thing unless you see the machine from front to back and top to bottom. I have installed a few machines people buy online and a few made out ok, but a
few had to dump money into it. Always verify the rollers, rubber pads on the gripper tips, lower feed roller, feed belts and chain delivery chains and on and on. Take time to verify any purchase of a used Ryobi, lots of junk out there I see. Buy local if you can and have a tech go over it and make sure it was never dropped nor had frames replaced. Good
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