

## boy 15s injection molding machine manual

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## Book Descriptions:

# boy 15s injection molding machine manual

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My idea with this machine is to learn both injection molding and mold making, I also have a 150 ton machine sitting idle, but thought it might be easier and safer to start with a smaller one. A hand crank bench top model is not really representative as there are few adjustments if any. The Boy 15 at least seems like a real machine. Andy The PLC I am using is overkill but it gives me numerous options. I gave up on my german diagram as it was easier to completely gut the cabinet including the analog temperature controllers. I listened for clicks for the solenoids and I then connected all of the switches to the PLC. I closed a limit switch and recorded the position on the PLC. After renaming the switches and solenoids to my preference and some simple coding, I am running. I scanned the paperwork over the weekend. PM me your email address so I can send the information. Wiring diagrams look much better than when I first looked at them. I have to finish the cnc lathe conversion which is almost done. Then convert the mill, which might take a while learning a new controller. Then Ill be onto the injection molder. Can you reccomend any good reading about molding. Interested in mold design, material understanding and part design. Mark The nonlabeled wiring in the control cabinet looks like a birds nest sprinkled with 40 years of dust so I might give up at some point and go the PLC route. How hard are they to program Andy The PLC I am using is overkill but it gives me numerous options. After renaming the switches and solenoids to my preference and some simple coding, I am running. It would be really great, if i could get a copy of the manual too. Did you receive it. I received your PM. Mark Now I check for a bigger one. Did you know what is required to

run this 15S machines in general. Or what do you use. I want avoid to put in new power installation in a small size. Many thanks Patrick Work has has been full on since getting back from Switzerland. Couple things to check.<http://queueedge.com/userfiles/coship-set-top-box-manual.xml>

From the name plate rating your motor was originally wired for 380 volt input. Do you know if it has been rewired to 230 volt. My machine is not wired. Best Regards, Mark Would be greatly appreciated. I have a manual missing the front page but it doesnt seem that useful, particularly for a PLC installation. Wont fit in my sheet feed scanner either Id cut it up but it sounds like Holycross already has digitizing sorted. The site is 100% free to join and use, so join today! Learn more opens in a new window or tab This amount is subject to change until you make payment. For additional information, see the Global Shipping Programme terms and conditions opens in a new window or tab This amount is subject to change until you make payment. If you reside in an EU member state besides UK, import VAT on this purchase is not recoverable. For additional information, see the Global Shipping Programme terms and conditions opens in a new window or tab Learn More opens in a new window or tab Learn More opens in a new window or tab Learn More opens in a new window or tab Learn More opens in a new window or tab Learn More opens in a new window or tab Learn More opens in a new window or tab The item may have some signs of cosmetic wear, but is fully This item may be a floor model or an item that has been returned to the seller after a period of use. See the seller's listing for full details and description of any imperfections. Contact the seller opens in a new window or tab and request post to your location. Please enter a valid postcode. Please enter a number less than or equal to 1. Sellers may be required to accept returns for items that are not as described. Learn more about your rights as a buyer. opens in a new window or tab You're covered by the eBay Money Back Guarantee if you receive an item that is not as described in the listing. All Rights Reserved. User Agreement, Privacy, Cookies and AdChoice Norton Secured powered by Verisign. Hoping to finish this up by the end of the year.

If I forget to post again in the future give me a buzz hopefully I can put a BOM, source code for the controller and diagrams up. Whichever you use depends on the amount of clamp pressure you want.Can you send me a copy please. I have an old boy 15 machine with a disaster control panel and I want to fix it. Ill appreciate your help JonI dont know if that means 3 phase motor or something else.My machine is BOY30 from 1976.Neftaly, great list,but diagram, location will be very useful. ! BobanI am looking for PLC software to run the Boy 15. I will be rewiring the machine as the old wiring are giving me grey hairs. Can anybody assist please. I am new at PLC programming and I am willing to learn. JohnFirst one was like the one in the pics above. The older controllers before the Dipronic were easier to trouble shoot and if they were mechanically working they made tons of parts. It runs wide open which Ive been able to work around as it still has control over the various hydraulic pressures just not how fast it does things. Im at a loss as to what to check for and trouble shoot. Any ideas thanks rob in Walla Walla, WAI tried to contact him, but his inbox has been full for weeks. Your is full now, so I couldnt PM. If you have the scan, would you please email it to me.I found a BOY 15 that had part of the control removed and another that leaks on a cylinder.If anyone can help me with the manual or some electrical drawings, i will appreciate the help. The electrical panel is a disaster and i have problems with the hydraulic motor. Thank you, Have a nice day.I scanned the paperwork over the weekend. Interested in mold design, material understanding and part design. Mark Need User Manual Instruction for setup and operatingand electrical diagram. Hydraulics diagram will help too. Also some Service Manual for same one.Need to install 3 phase and pick up a chiller and hydraulic fluid. I also need a copy of the manual. Can anyone help Thanks.

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Need to get the Operating Manual it or a 15s. I think they are very similar.I think they are the same. Thanks, DanFor further information on cookies, please refer to our privacy policy. More infomations about the cookies and further configurations Agree. The company was founded in 1974 and first

located in Plainview N.Y. Due to the success soon a larger facility was needed. In 1982 BOY Machines, Inc. With the sole concentration on small injection molding machines we can offer the best and most economic solutions for our customers. The excellent quality and reliability of the BOY injection molding machines enabled us to sell large numbers of machines from the beginning. Together with our efficient technical service and the readily availability of spare parts we gained a large customer base. With the latest developments like the Servo Drive technology and the latest stateoftheart control Procan ALPHA 4 featuring intuitive smartphonelike operation BOY injection molding machines are always a step ahead. Whether the customer intends to produce high precision parts with a weight below 0,01 oz or parts with a max. Our philosophy from the beginning has been "Our Customers Are Our Partners". The result is a large and satisfied customer base dedicated to BOY Injection Molding Machines. BOY has been certified since 1994 with DIN EN ISO 9001 2010 with DIN EN ISO 90012008 2018 with DIN EN ISO 90012015. By continuing to browse Exapro, you are agreeing to use cookies on our site. Write your email below and create your alert. One of the most popular, compact and efficient injection molding machines has been improved by Logic Control Systems. The unit has been completely upgraded and updated to create one of the most precise, efficient and maintenance free 1.0 oz injection molding machines available. Below are the details of the unit along with details of the upgrades performed.

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Positioning is now accomplished using linear transducers with accuracy in the submillimeter range, replacing the manual slide bars and roller switches. All original electronics and circuit boards have been removed and replaced with the latest PLC based control technology. Contact us for further information. Does anyone have one Doug Also are you looking at the operations or the schematics Surprisingly this is a second such post. These are hard to find for some reason. Regards, Suhas What do the BOY people tell you Suhas I now have full control of the system without limitations by the timers. I might think of starting a section and asking people to contribute to a online resource. Not sure how many will oblige. Suhas. Injection Molding Machines Click for more information Click for more information Click for more information. Register now and save 77% discount. Register now and save 77% discount. Perhaps you have written in the link incorrectly or have clicked on an old link. Designated trademarks belong to their respective holders. Machine seeker Group GmbH does not accept any liability for the content of linked websites. California Best Offers Responded to within 24 hours. We are a seller and buyer of industrial equipment with over 35 years experience. Purchase our products with confidence. If you are not satisfied returns are gladly accepted. Contact us about all of your industrial equipment needs All best offers on Ebay will be responded to within 24 hours. Thanks for looking! My Policies 100% Customer satisfaction. We gladly accept PayPal and payment on pickup. If you have other Payment needs. Please contact us and we will try to work it out with you. We usually ship the next business day after payment is received. We also offer Expedited shipping on all products. Look under shipping options near the top of the page. We reserve the right to ship via the fastest. We will always try to combine shipping.

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more Normal 0 false false false ENUS ZHCN XNONE Local Pickups Local pickup is available for all items Monday thru Friday 830am 430pm Domestic Shipments Domestic shipments are sent via UPS or USPS Priority Service. We choose the fastest. Weight, and value ratio. International Shipments We ship to all international countries. International shipments are sent USPS International Priority unless otherwise requested. Contact us for international shipping quotes. Freight Shipments Items requiring freight will be securely strapped to a pallet and loaded at no additional charge. Your satisfaction is our highest priority. Concerns, or issues you may have. Buyer responsible for moving loading and transportation. Specifications are to the best of our knowledge. A whole variety of materials can be processed on the BOY machines Thermoplastics. Elastomers. Thermoset materials. Liquid silicone. Powdered metal and ceramic powders. Specifications 22 Tons. To go to The Manufacturers Website Check out the photos. Give us a call or email. Reliable Tool currently has a large selection of products listed, please check out our other auctions in this category by visiting our page for more Great Deals. Bidding starts at a dollar with no reserve. The machine is currently under power and we have taken a video of it producing parts. The link for viewing the video is listed below. The machine is in very good condition. We purchased this machine from an automotive parts supplier who had an extensive preventative maintenance program. Total hours on the machine is 61.543. We purchased 2 of the 50M machines and will be listing the other machine at a later date. Our company is currently expanding our tooling division and due to space issues we are selling several of our molding machines. We have owned Boy molding machines since 1993 and they have always performed well for us. Comes with operating manual. Will be glad to answer any questions you may have.

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Buyer will be responsible for any rigging and shipping cost. We can load on. more trailer with crane if you would like to pick up. Mold weight is 4900 pounds. Click on the link below to see the machine run. A picture of the machine plate says Dr. Boy GMBH 45466 Fernthal W. Germany Boy 22S. 220V, 160 bar, 760KG, Website Local pickup. We will prepare it for shipment by putting it on a skid. Weve owned this unit for about 15 years. and it was stored in a warehouse except for the last 6 months. We were told that the unit was in working condition when we got it. Great machine used for educational purposes so it has very little use. I also have accessories including Plastic dryer, Mold Heater, spare barrel. All sold as a package deal. Buyer to arrange pickup and shipping by company of their choice. I will load. It is fully functional and has been verified operational by a local molding machine technician. It is being sold as is where is. We purchased the machine with the intent of molding some of our components but the opportunity never panned out. We will pay for the crating fee but the buyer is responsible for organizing and paying for freight shipping. Item is located in Phoenix AZ. If you have any questions. Please ask before you bid. Item is sold as is with no warranty. The unit was working when it was taken out of service. It has been in storage for a few years. Cant test the

unit so it is ASIS. Unit weighs 22 pounds. Buyer will pay for actual shipping costs. Best Offers Responded to within 24 hours. Powered by RcmdIdViewItemDescV4,RlogId p4%60bo7%60jtb9%3Fvo%7B2d71f%2B4g7%3E144db16605d0x10e This machine is not running but pump starts and heaters work; it has a hydraulic problem. LOCAL PICKUP ONLY. We can load if you have a truck. Any questions PLEASE CALL. Jay, at 4405633199. Please do not email seller, its my daughter who will not know about machine. Thanks!

We have only cycled this machine a few times and everything seemed to work but it does have a few hydraulic leaks. 1 theres a leak on one of the carriage cylinders and there is a leak near the motor. See pictures. The leak at the carriage cylinder will have to be fixed before it can be used. We will include the seals for the carriage cylinder but we havent determined where the leak is around the motor. We were told that it is a 1 ounce machine and that it has a 24 ton intensifier cylinder option installed. Comes complete with manual. No hopper is included with the machine. Hydraulic oil has been drained for shipping. We are forced to sell this machine because our shop space is limited. We will load for free.. more Sold as is. No returns accepted. We invite buyers to inspect on site prior to buying. Feel free to call Dave at 3203672832 with any questions. Spare parts list, manual. Very resourceful information, You will receive an invoice via email or Ebay for the full amount owed. Including shipping. Please do not pay until you have received the invoice. Items not paid within 10 days from the end of an auction will be relisted. Payments by check will be held up to 4 days until the check clears. We can ship by LTL. Partial or full, van or flatbed, double drop,.Freight costs are to be quoted at the time of sale. All freight costs are to be paid by the buyer prior to pickup. Please contact a sales representative for a shipping quote. We ship within 5 business days of cleared payment. Freight shipments may take longer due to palletizing and scheduling. Items less than 100 lbs. Freight may be booked with any carrier. But usually goes out on the best available. A lift gate truck, or a residential delivery is necessary, please notify us prior to quoting shipping. If buyer chooses to use their own freight. Shipping account, and or carrier, they will be responsible for all scheduling, paperwork, claims, and any damages incurred in transit. Local pickup is always welcome.

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Going to scrap yard Monday. Lots of good parts. Please make offer. This item is sold AsIs. Please ask questions before bidding. Local pick up only. Possible delivery in the south east Michigan area. Buyer is responsible for all shipping. I will load for free. On Oct2014 at 141238 PDT. Seller added the following information You are bidding on a Boy 15S vertical injection molding machine as is where is. Buyer is responsible for all shipping arrangements and shipping costs. I will load it on your truck for free. Additionally the security seals must not be tampered with or removed; DOING SO. In the unlikely event that your purchase does not turn out as expected. Please contact us for an RMA number as well as return instructions. Restocking fee may apply. Please email me with any questions and thanks for looking. Check out my! Be sure to add me to your. We accept PayPal. Credit cards, bank wire transfers and business checks; NO PERSONAL CHECKS, Please! All local. County, state and federal taxes are the sole responsibility of the buyer and are not included in the purchase price. Items can be picked up at 10230 N. Holly Rd. Holly. Michigan 48442. Please be sure and call our office at 2486273135 to schedule a time if you are picking up your item. We will need a 24 hour notice if your items requires a pallet. We ship Monday through Friday. We are in the Eastern Standard Time zone. If a request for overnight shipping is made before 300 p.m. We can get it to you the next day. We try our best to get all packages out within 48 hours but most items will ship the next day. Please check our feedback; everyone raves about our quick shipping. We take our feedback We will include a fresh backup battery. Contact me for other parts, including vertical injection adapters, and Ill list it. 8005402814, Scott Clampingforce 80Ton Skrew size. 35mm Voltage 230V 84A Flowmeter 6 circuits Procan 2 controller Weight 3550kg Machine No 88071 Running hour 37713 Machine can be tested before bying.

Buyer arranges shipping from us here in Norway60km south of Oslo We arrange crane for lifting machine up on the truck. Pulled from service in good working order. Will load on your truck or can ship LTL for additional contact us for an exact shipping price. The shipping price listed is for reference only. We do not make guarantees. Please contact us for question prior to bidding! utdsolar.com for great Solar Hot Water products. All sales are final. NO REFUNDS. Unless we made an obvious shipping error. We do our best to accurately describe the items that we list. If unsure ask. Items are not tested unless specifically stated in ad. Payment must be received in 5 days. Will ship 12 business days after payment is received. Some items have FREE shipping. For those that dont COMBINE items and SAVE on shipping. Pulled from service in good working order. Contact me for additional Machines available. Sumitomo SH100C 100Ton injection press. Boy 30M, Boy 50T ALL MUST GO ASAP. Make Offer for ALL! Will load on your truck or can ship LTL for additional contact us for an exact shipping price. Will ship 12 business days after. Some items have FREE shipping. For those that dont COMBINE items and SAVE on shipping. I machine parts when I can but geometry is often a limitation. I have no experience with plastic injection molding so I dont know how hard it is to get the process to work. Anybody done thisThe vise setup is a little funky Id most likely do a little rebuild on it. And make my molds a lot different. Its kind of a hobby toy but may work. Im still looking to see what is out there though. If I can find the parts I may build my own. Having a mold background, they had me make the tools and run it when we needed some parts made. It worked just fine. There was a hopper and heating element up top, some sort of pressure device to push the plastic out a nozzle down into the sprue. The mold was held in a vise. Very primitive but it worked.

As an alternative, could you find a prototype molder to run your mold. Ive done that too. JinNJI think his was made by Emco. He showed me several parts he made with it and they looked good. He made it sound like it was easy to make parts with. Might check this out too Small Manual Benchtop Plastic Injection Molding Machine I machine parts when I can but geometry is often a limitation. Anybody done this At least the Morgan is kind of a real machine. At least the Morgan is kind of a real machine. Ive seen some of the parts made with thermoset resin rapidprototype tools which looked pretty good. I know the difficulty increases with higher temp and filled plastics. Thanks for any firsthand info. Cheers Charles So for under 1000 pieces, these are something that is worth exploring, maybe

even use multiple rapidprototyped tools versus aluminum. Cheers, CharlesIve seen some of the parts made with thermoset resin rapidprototype tools which looked pretty good. Cheers Charles I dont think my experience with the machine will be good advice for you. Id call morgan and see what they have to say about your parts and materials. Id be very skeptical if they act like everything is a slam dunk. not saying they will There are quite a few molding experts on this forum. Hopefully theyll chime in and help you out. Molding high temp materials and filled materials is a whole world that I dont have much experience with. It can be very tricky. Good luck.I dont think my experience with the machine will be good advice for you. It can be very tricky. Good luck. Smooth on has a pretty big line, and there are a lot of other companies like them.Plastic Injection Molding Machines for Small and Large Runs I think it was about 10 grand. I cant imagine using the hobby ass shit you linked to. At least the Morgan is kind of a real machine. It is both faster and cheaper to get it done in China.Smooth on has a pretty big line, and there are a lot of other companies like them.

The biggest problem with the manually operated machines is lack of injection pressure. Calculate the leverage on the diameter of the ram, and if you dont get up around 15,000 or 20,000 PSI, youll be pissing in the wind unless the parts are dead simple, with no small sections or fine detail. The manual machines work well for making rubber worms, and simple parts from polypropylene or polystyrene. If you need to prototype polycarbonate, acrylic, or anything glass filled, I dont think you will have sufficient injection pressure. A friend had a Morgan Press when first starting out. The other problem I see with the manual machines and the air operated Morgan is they are plunger presses rather than reciprocating screw. Maybe better to find a small used press.These are simple machines, rugged, and I think BOY still supports everything they ever made. I have an older 15S I bought used, and Im constantly amazed when the molding guys find a cycle that will run a tool that was really intended to run in our 60 ton Battenfeld. DennisThe biggest problem with the manually operated machines is lack of injection pressure. I have an older 15S I bought used, and Im constantly amazed when the molding guys find a cycle that will run a tool that was really intended to run in our 60 ton Battenfeld. Dennis The problem is that i cant imagine anyone wanting to deal with the pain in the ass of having to educate me to the point of being able to make acceptable parts.I have spent a few hours around molding presses and designed a few molded parts. If you dont have a machine that can be set up with the correct time, temperature and pressures, you are kidding your self. Beside that, those simple two plate molds with the injection directly into cavity wont work except for very simple parts. Any detail or nonuniform sections with glass may not fill correctly or at all. If you want to play with molding toys fine.

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