

JSA

J. Silk Agricultural co. LTD

Operator Manual

JSA 20 Ton log splitter



J. SILK AGRICULTURAL CO. LTD
UNIT 8 BEAUMONT HALL LANE
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Introduction

Designed and manufactured by J. Silk Agricultural to the highest possible standards.

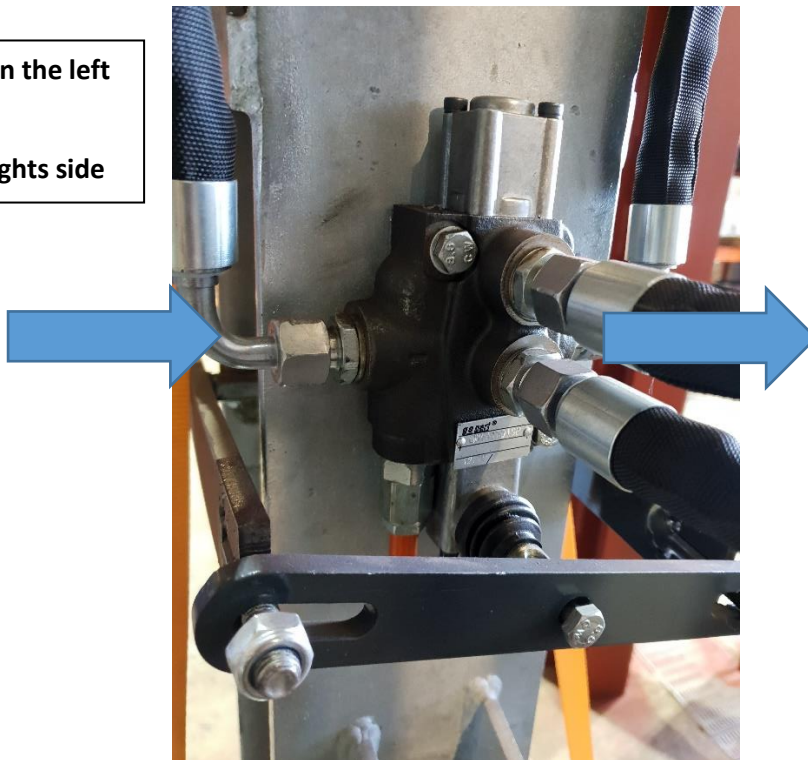
The JSA 20ton log splitter is designed to fit to any tractor using the tractors three-point linkage and use a pressured feed and return from the tractors hydraulic system for splitting fire wood with the grain.

The operator manual supplied with the machine and available on request from www.jsilkagri.co.uk must be provided to all operators involved with the setup, operation and maintenance of the log splitter.

All safety instructions must be followed at all times to prevent serious injury or death to the operator and others.

Pressure in the left
side

Out the rights side



Safety

- **No modifications to the machine can be carried out to the log splitter without written consent from JSA's technical department.**
- **Under no circumstances can any controls or safety devices be altered or tampered with.**
- **All Spare parts are available from www.jsilkagri.co.uk and approved distributors, JSA hold no responsibility for damage caused by not genuine parts**
- **Only competent personnel who have read and fully understood the operator's manual should operate the log splitter**

Setting up

1. **Ensure that you are familiar with all the safety information and understand how to operate the log splitter in a safe manner before starting work or maintenance.**
2. **A Visual check should be carried out each day before operating the log splitter checking for missing or damaged parts, with particular attention to the hydraulic pipes and components as well as safety devices.**
3. **The operator must wear appropriate clothing and Personal protective equipment.**
4. **Ensure that the work area is free from unauthorised people and children.**
5. **Care should be taken attaching and disconnecting the log splitter and should only be carried out by competent qualified operators.**
6. **Care should be taken when driving with the log splitter mounted to the tractor, travel speeds should always match the conditions and consideration for the additional weight of the attachment must be taken.**

Operating the Splitter for the first time

When your new splitter arrives and once mounted on a tractor there are several steps that need to be followed before splitting any wood.

- 1. Check that the log splitter has been fitted correctly and hydraulic pipes have been connected.**
- 2. Check all safety devices are in place.**
- 3. Apply a small amount of grease to the beam where the wedge slides and onto the main beam.**
- 4. Start tractor and put the hydraulic control valve in continuous flow and lock in place.**
- 5. Operate splitter up and down the full stroke several times to remove all air from the system. If the splitter doesn't move check that the hoses are plugged in correctly and swap if necessary (it is recommended to check the tractor hydraulic oil level once this operation has been completed).**
- 6. Check for and signs of oil leakage.**
- 7. You are now ready to split some wood.**

Splitting

- 1. Lower the log splitter to the ground and engage continuous flow on the tractor.**
- 2. Place the log onto the table and secure with provided chain.**
- 3. Stand directly in front of the log splitter and press both handles firmly downwards until the log has split.**
- 4. Lift both handles for the splitter to return.**

5. Repeat the process until the wood is the desired size.

Maintenance

- **Lubricate the slides in the main beam, this is best done with a small brush and GP Grease.**
- **Check all pipes for damage, replace if necessary.**
- **Visually inspect the main frame for cracking or other damage.**
- **Check that the hose burst protection is securely fitted to the hydraulic pipes.**

Full Assembly

Item Number	Part No	Description	Quantity
1	JS20-B	20 ton beam	1
2	D50100500CB	20ton cylinder	1
3	JSH120Q	Supply hose	2
4	JSH80T	Top hose	1
5	JSH80L	Lower hose	1
6	GP45L	Valve	1
7	JS20-W	Splitting wedge	1
8	JS20-L30	Lower bolt	1
9	JS20-T30	Top Bolt	1
10	JS20-Dual	Dual hand bar	1
11	JS20-L	Hand Lever	2
12	Z422101KR	Lower links	2
13	Z3190102KR	Top Pin	1
14	LP11KR	Lynch Pin	3
	JS-L-S	Sticker Set	1

