



SIXTY1 SERIES
FRONT-END LOADERS



55-290 HP AGRICULTURAL TRACTORS

BUILT ON DECADES OF ENGINEERING EXCELLENCE AND A FARMER FOCUSED DESIGN THAT YOU CAN TRUST...

Challenge takes pride in the serviceability and reliability of their front-end loader ranges, with over 64 years of history in the agricultural and manufacturing industry, the SIXTY1 series is no exception. The SIXTY1 series front-end loaders are packed with many standard features to ensure your job is done efficiently. To further improve productivity, the SIXTY1 series loader has optional extras that will save you valuable time.

A SMOOTHER RIDE

Enjoy a smoother ride with the optional hydro-ride system. It will sense and adjust to the current payload being carried by the attachment.

INCREASED VERSATILITY

Along with the included electric third function service, an optional fourth function service is available to allow for increased versatility.

NO-FUSS HYDRAULICS

When changing between attachments or front-end loader, easily attach or detach hydraulics with the use of optional multi-couplers.





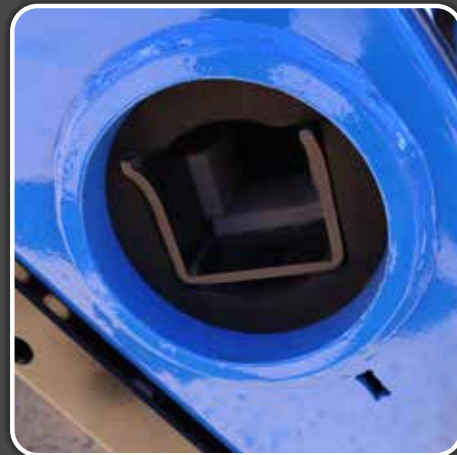
LEVELING THE PLAYING FIELD

Designed with strength and safety in mind hidden beneath the surface.



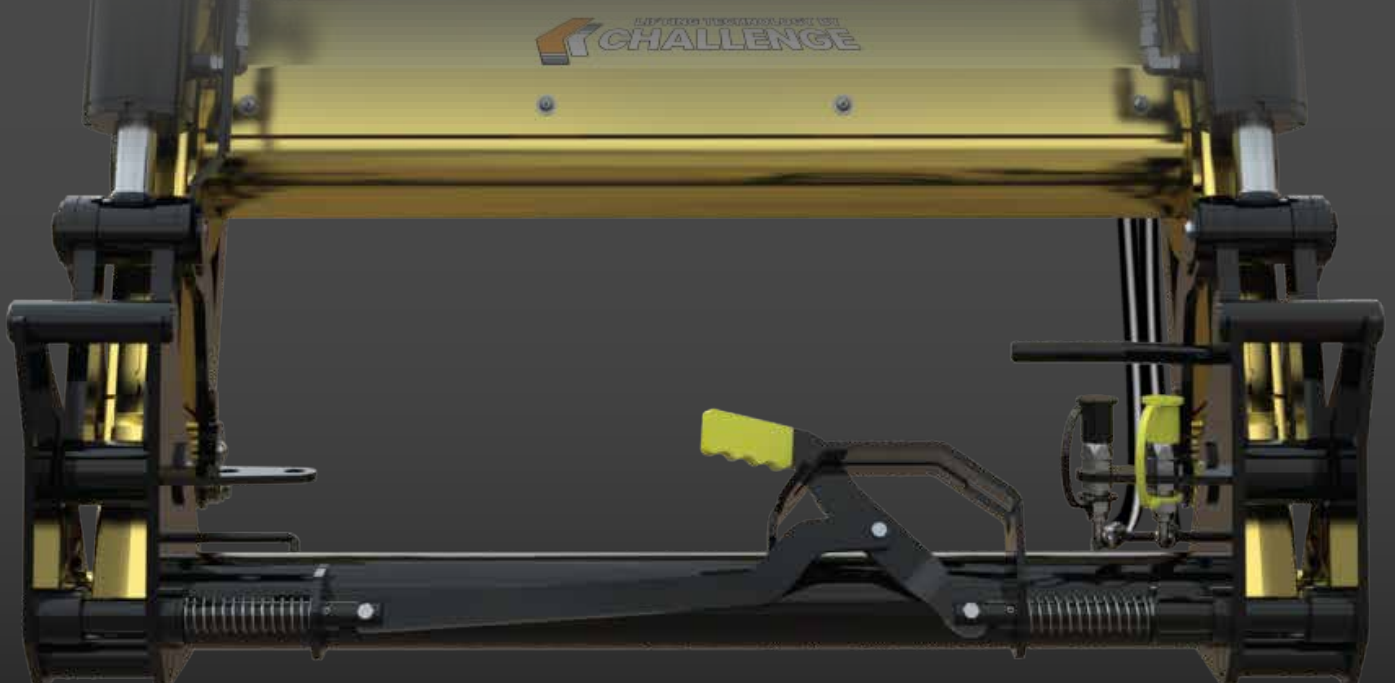
SECURE DESIGNS THROUGHOUT

The cam-lock handle provides a positive, no-fuss fitment of the loader to the tractor. This design allows for a secure connection every time.



NEVER COMPROMISE ON SAFETY

The mechanical safety lock, stored neatly within the crossbar, can be deployed to ensure your peace of mind while servicing and maintaining your tractor.



HIGH VISIBILITY QUICK COUPLER

Allowing for multiple attachments in Aus and Euro style hitches, the SIXTY1 series quick coupler has been developed to allow for maximum visibility during attachment and leveling phases of operation while maintaining high strength.

IMPROVED VISIBILITY

For improved visibility and protection, the SIXTY1 series has multiple entry and exit points on the loader frame that protect, guide and conceal hydraulic hoses and wiring.

NEW STANDARD

The use of high grade steels and a design using the latest technology has created a front-end loader series that defines a new standard of strength and reliability. The SIXTY1 series can accommodate tractors all the way up to 290HP.

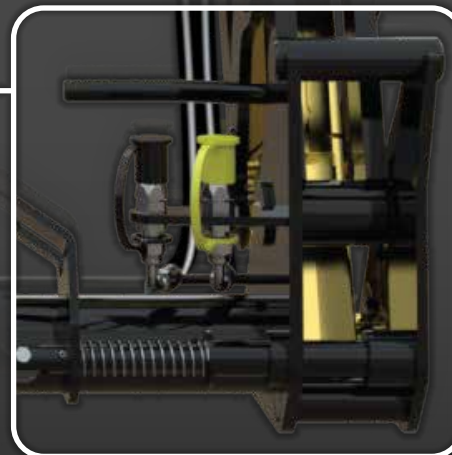
THE FINER DETAILS MATTER

The easily visible level-gauge indicators and pointer allows the operator to align and level the attachment from the seat of the tractor. The bright colours stand out, allowing the operator to accurately position implements for the job required.



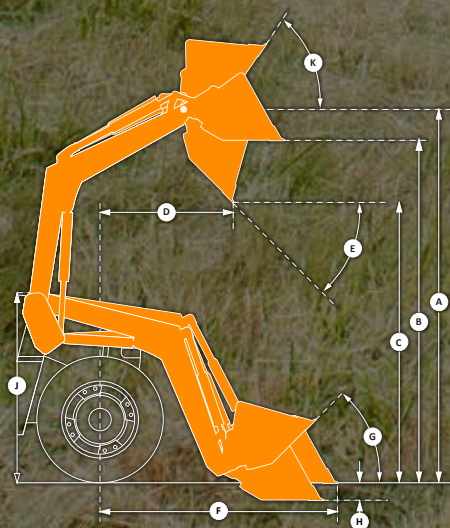
GO THE DISTANCE

With regular greasing, you will ensure that your SIXTY1 series front-end loader remains in good working order for longer. We have made it simple with easy-access greasing-points and dust protection.



EXPAND YOUR APPLICATIONS

The SIXTY1 series front-end loader comes standard with Electric 3rd Function Service, allowing the use of attachments that require it without the extra cost. The third function service can be easily activated using the joystick within your tractor.



These specifications are given in accordance with the "Tractor and Machinery Association of Australia" Code of Practice for: "Manufacture and Supply of Front-end Loaders for use on Agricultural Tractors in Australia", referring to standards ASAE S301.3 JAN96 and AS2954.5 1988/ISO 7546 1983.

These front-end loader specifications may vary with tractor models, tyre sizes and/or hydraulic systems, and assume a hydraulic system capacity of 18.5 Mpa (2682 psi).

Please note, design specifications are subject to change without notice or obligation.

Notes in Specifications table:

- [1] Vertical distance from ground line to lowest point of cutting edge when bucket is dumped 45° and loader is fully raised.
- [2] Horizontal distance from tip of bucket cutting edge to center line of tractor front wheels with loader fully-raised and bucket dumped at 45°.
- [3] Horizontal distance from tip of bucket cutting edge to center line of tractor front wheels with bucket level on ground.
- [4] Digging depth can vary depending on tractor tyre and suspension fitted.

SPECIFICATIONS**SIXTY1.32****SIXTY1.35****SIXTY1.38****SIXTY1.41**

Approximate tractor horse power range	55 - 90 HP	75 - 110 HP	100 - 150 HP	125 - 290 HP
A: Maximum lift height to pivot pin	3256 mm	3524 mm	3825 mm	4127 mm
B: Maximum lift height under level bucket	2928 mm	3196 mm	3498 mm	3799 mm
C: Clearance with bucket dumped [1]	2308 mm	2599 mm	2900 mm	3202 mm
D: Reach @ maximum lift height [2]	1300 mm	1415 mm	1548 mm	1637 mm
E: Maximum dump angle	63°	63°	63°	63°
F: Reach with bucket on ground [3]	2230 mm	2360 mm	2500 mm	2592 mm
G: Maximum rollback angle	49°	49°	48°	48°
H: Digging depth [4]	186 mm	186 mm	187 mm	187 mm
J: Overall height in carry position	1728 mm	1853 mm	2003 mm	2153 mm
K: Maximum rollback angle at maximum lift height	52°	52°	52°	52°
Lift capacity at pivot pin, full range	2040 kg	2090 kg	2220 kg	2290 kg
Lift capacity at 800 mm from pivot pin, full range	2100 kg	2250 kg	2360 kg	2480 kg
Loader frame weight	540 kg	590 kg	620 kg	670 kg
Maximum front tyre size guide	12.4R24, 360/70R24	14.9R24, 460/70R24	14.9R28, 420/70R28	16.9R30, 480/70R30
Maximum front tyre diameter guide	1159 mm	1265 mm	1367 mm	1485 mm



Three hydraulic lift arms are shown vertically against a dark grey background. The leftmost arm is orange, the middle one is blue, and the rightmost one is yellow. Each arm has a black hydraulic cylinder and a black fork assembly at the bottom. The blue and yellow arms have the 'CHA' logo on their horizontal sections.

KUBOTA

NEW HOLLAND

***COMPATIBLE WITH A WIDE RANGE OF
55-290 HP AGRICULTURAL TRACTORS***



JOHN DEERE

CASE IH



ABOUT CHALLENGE IMPLEMENTS...

Challenge Implements is a fully Australian-owned third-generation family company. Challenge commenced manufacturing agricultural implements in Orange NSW in 1957. The ultimate aim of the company was to develop a representative range of everyday agricultural equipment. Steps were taken even in the first year of operation to divert every available penny toward the necessary research and development required to produce such equipment.

The year 1962 marked the release of the first Challenge front-end loader along with a three-point linkage grader. These products gained immediate market acceptance and established the brand name 'Challenge' as implements of good design, robust in construction and offering value for money. Challenge continued to grow by expanding its operations throughout Australia and into the construction industry.

Challenge continues to support Australian farmers with prompt and reliable service, with equipment designed by Australians for Australian conditions.

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Challenge Implements reserves the right to improve specifications and change the design of its products without prior notification. Challenge Implements designs, manufactures and supplies agricultural front-end loaders that are intended to be used on tractors approved by the company. Challenge Implements front-end loaders and attachments are made to comply with the Tractor Manufacturers Association (TMA) Code of Practice.

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