



INVITATION FOR SEALED BID

BID 02-736

Description: FAIRWAY MOWER(S)

Department: CITY OF TULSA

NIGP Commodity Code(s):515-00-00-000-0

Total pages including this page is 14

NOTE: FAXING OF BID NOT ACCEPTED

Important Instruction - Read Carefully:

If you have obtained these bid specifications from either of:

City of Tulsa's Fax-on-Demand (918-596-1171) or

City of Tulsa's Website : www.cityoftulsapurchasing.org

you must notify the buyer Patricia Cummings of your intent to bid by e-mail pcummings@ci.tulsa.ok.us in order to receive addenda. The buyer will always acknowledge your e-mail for your records. All addenda will be posted on fax-on-demand and the website.

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Pay special attention to those pages with a reference to the following notes:

Note #1: Signature of authorized agent required

Note #2: Signature of an authorized agent and notarized required

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Your bid response should follow the same format listed above plus any additional format requested in the body of the bid invitation.

**INVITATION FOR SEALED BIDS
TO
City of Tulsa**

200 CIVIC CENTER, ROOM 109, TULSA, OKLAHOMA 74103

Bid number and date of bid opening must appear on the lower
left outside corner of bid envelopes and all related containers.

DATE OF OPENING: February 27, 2003

BID NUMBER: 02-736

**BID MUST BE IN THE CITY CLERK'S OFFICE AT THE ABOVE ADDRESS BY 5:00 P.M. THE DAY
PRECEDING THE "DATE OF OPENING" SHOWN ABOVE.**

BIDS WILL BE OPENED AT 8:30 A.M. IN THE CITY COUNCIL ROOM ON THE DAY SPECIFIED UNDER "DATE OF OPENING."

PUBLISHED IN THE TULSA DAILY COMMERCE AND LEGAL NEWS: February 13, 2003

Bid must be accompanied by bidder's bond, cashier's check or certified check in the amount of: NOT REQUIRED

PLEASE READ TERMS AND CONDITIONS ON THE NEXT PAGE BEFORE COMPLETING BID DOCUMENTS

THE FOLLOWING SECTION MUST BE COMPLETED BY BIDDER

Delivery will be made in not more than _____ days after receipt of order.

Payment terms _____ % _____ days.

City of Tulsa may increase quantity of order at the unit price bid for _____ days. (Bidder to Specify Days) I have examined the terms and specifications and the instructions to bidders herein and agree, provided I am awarded a contract, to provide the above described items for the sum shown in accordance with the terms and specifications stated herein. All deviations are in writing and attached hereto.

Enclosed is a [] BID BOND ; [] CASHIER'S CHECK; [] Certified Check in the amount of \$ _____, which I agree the City of Tulsa may retain as liquidated damages in the event of my failure to comply with the terms of this bid.

MUST BE SIGNED BY AUTHORIZED AGENT TO BE VALID

FIRM NAME _____ by _____

Signature of Authorized Agent

STREET _____ TITLE _____

CITY STATE _____ ZIP CODE _____ PHONE NUMBER _____ DATE _____

GENERAL TERMS AND CONDITIONS OF SEALED BIDS

THESE ITEMS APPLY TO AND BECOME A PART OF THE BID.

NO EXCEPTIONS TO THESE TERMS & CONDITIONS WILL BE CONSIDERED.

1. **BIDS MUST BE SUBMITTED ON THIS FORM ONLY INCLUDING A SIGNATURE OF AN AUTHORIZED AGENT.** Each bid shall be placed in a separate envelope. Be sure envelope is completely and properly identified and sealed, showing the bid number and date in the lower left hand corner. Bids must be time stamped in the office of the City Clerk by 5:00 P.M. on the day before date of opening.
2. No bidder may withdraw his proposal for a period of thirty (30) days after the date and hour set for the opening of bids.
3. All prices shall be quoted F.O.B. Tulsa, Oklahoma, and delivery to City of Tulsa location shall be without additional charge.
4. The bidder shall attach the manufacturer's name of the equipment or material to be furnished, type, model numbers, manufacturer's descriptive bulletins and specifications. All guarantees and warranties should be clearly stated. This data shall be in sufficient detail to describe accurately the equipment or material to be furnished. Manufacturer's specifications, in respect to the successful bidder, shall be considered as part of his contract with the City of Tulsa.
5. The bidder shall show in the proposal both the unit prices and total amount, where required, of each item listed. In the event of error or discrepancy in the mathematics, the unit prices shall prevail.
6. Any exceptions or deviations from written specifications shall be shown in writing and attached to the bid form.
7. Each bidder agrees to comply with the terms of Title 5, Chapter 1, of Tulsa, Oklahoma Charter and revised ordinances relating to equal employment opportunity.
8. **THE ENCLOSED FORMS REGARDING NON-COLLUSION AND FINANCIAL INTEREST MUST BE SIGNED, NOTARIZED, AND RETURNED WITH THE BID.**
9. The City of Tulsa reserves the right to reject any and all bids, to waive any technicalities in the bidding, and to award each item to different bidders or all items to a single bidder.
10. All bids must be accompanied by bidders bond, cash, certified or cashier's check in the amount shown on the face of the bid form. This amount shall be retained by the City of Tulsa as liquidated damages in the event the successful bidder (or bidders) fails to execute a contract, if required. The bidder agrees that said amount is presumed to be the damages sustained by the City due to the impracticability and extreme difficulty in fixing the actual damages. The office of the City Clerk will return the bid deposits to the unsuccessful bidders, after a contract has been awarded or all bids have been rejected.
11. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of invoice, the date of receipt of all material covered by the purchase order, or the date of receipt by the City of Tulsa of the original copy of the purchase order with properly executed Affidavit of Claimant, whichever is the later date.
12. Direct purchase of certain items of equipment or material by the City of Tulsa are exempt from Federal Excise Tax and Oklahoma Sales Tax. In such cases the bidder shall quote prices which do not include Federal Excise Tax and Oklahoma Sales Tax. The City of Tulsa will furnish executed exemption certificates upon presentation by the bidder at the time of purchase.
13. Bid must show number of days required for delivery under normal conditions. Failure to state delivery time obligates bidder to complete delivery in fourteen (14) calendar days. Unrealistically short or long delivery promises may cause bid to be disregarded. Contractor must keep Purchasing Department advised at all times of status of order. Default in promised delivery or failure to meet specifications authorizes the Purchasing Agent to purchase supplies elsewhere and charge full increase of cost and handling to defaulting contractor. Consistent failure to meet delivery promises without valid reason may cause removal from bid list.
14. Bidder agrees to defend and save City of Tulsa from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patent relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
15. If the bid requires a written contract, the successful bidder shall execute a written contract with the City of Tulsa and return the required bonds and insurance certificates within ten (10) days after submission of contracts to said bidder by the City.

INTEREST AFFIDAVIT

STATE OF _____ }
 } ss
COUNTY OF _____ }

_____, of lawful age, being first duly sworn, states that s(he) is the agent authorized by the bidder to submit the attached bid. Affiant further states that no officer or employee of the City of Tulsa either directly or indirectly, owns a twenty-five percent (25%) interest in the bidder's business or such a percentage which constitutes a controlling interest. Affiant further states that the following officers and/or employees of the City of Tulsa have some direct or indirect interest in the bidder's business:

By _____
(Signature)

(Title)

Subscribed and sworn to before me this _____ day of _____, 20_____.

NOTARY PUBLIC SIGNATURE

My Commission Expires:

The Interest Affidavit must be completed, signed by an authorized agent, and notarized.

BIDDER AFFIDAVIT - TITLE 74 O.S. (1974 SUPP.) 85.22-85.25

STATE OF _____ COUNTY OF _____

_____, of lawful age, being first duly sworn on oath says
Authorized Agent

1. (s)he is the duly authorized agent of _____, the bidder submitting the competitive bid which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of collusion among bidders and between bidders and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to the bid to which this statement is attached.
2. (s)he is fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached and has been personally and directly involved in the proceedings leading to the submission of such bid; and
3. neither the bidder nor anyone subject to the bidder's direction or control has been a party;
 - a. to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding,
 - b. to any collusion with any municipal official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract, nor
 - c. in any discussions between bidders and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

SIGNATURE OF AUTHORIZED AGENT

Subscribed and sworn to before me this _____ day of _____, 20_____.

Signature of Notary Public

MY COMMISSION EXPIRES

The Bidder Affidavit must be completed, signed by an authorized agent, and notarized.

CONTRACTOR/BIDDER INFORMATION SHEET

To be completed by all Bidders
For Contracts with the City of Tulsa
(Please print or type)

Project No. or Description _____

Full Name of Bidder _____

Legal Identity
(Corporation, Partnership,
Individual, etc.) _____

Address _____

Telephone No. _____

FAX No. _____

Taxpayer Identification Number _____

Contact Person _____

Phone No. _____

Fax No. _____

E-mail address _____

Webpage Address _____

Price Sheet Summary

Vendor Name: _____ Signature: _____ Date: _____

You will be able to obtain a copy of the Bid Summary on the City of Tulsa's Purchase-Net Fax-on-Demand and Website shortly after bid opening.

BIDDER AGREES TO FURNISH THE CITY OF TULSA TWO (2) OR MORE 2-WHEEL DRIVE LIGHTWEIGHT FAIRWAY MOWER(S) IN ACCORDANCE WITH THE MINIMUM BID SPECIFICATIONS AT THE FOLLOWING UNIT PRICE:

\$ _____ EACH X 2 =

TOTAL BID \$ _____

MAKE AND MODEL: _____

BID 02-736 FAIRWAY MOWER(S) FOR THE CITY OF TULSA

INTENT

THE INTENT OF THESE SPECIFICATIONS IS TO SET MINIMUM REQUIREMENTS, NOT TO OTHERWISE LIMIT BIDDING FOR THE SUPPLY OF TWO (2) OR MORE FAIRWAY MOWER(S) FOR THE CITY OF TULSA

INASMUCH AS SOME DESIGNS OF EQUIPMENT VARY AMONG DIFFERENT MANUFACTURERS, THE CITY MAY ACCEPT BIDS ON EQUIPMENT WITH MINOR DEVIATIONS TO THE WRITTEN SPECIFICATIONS. GENERALLY, A MINOR DEVIATION IS DEFINED AS A DEVIATION WHICH DOES NOT: (A) MATERIALLY AFFECT THE ABILITY OF THE PRODUCT TO ACHIEVE OR ACCOMPLISH A NECESSARY FUNCTION OR TASK IN THE MANNER REQUIRED BY THE SPECIFICATIONS; (B) COMPROMISE THE SAFETY OF THE USER THEREOF; AND, (C) PRODUCE HIGHER LATENT OR PATENT COSTS TO THE CITY IN ANY OF A MULTIPLICITY OF WAYS. THE CITY OF TULSA SPECIFICALLY RESERVES THE RIGHT TO MAKE THE FINAL JUDGMENT CONCERNING WHAT IS OR IS NOT A MINOR DEVIATION AND TO AWARD THE BIDDER(S) WHOSE BID(S) BEST SUIT THE CITY'S NEED FOR THE PRODUCT BEING PURCHASED.

BID DOCUMENTS

BIDDER SHALL RETURN ALL BID DOCUMENTS INTACT EXACTLY AS FURNISHED IN ITS ORIGINAL FORM. ALL BID DOCUMENTS REQUIRING SIGNATURE MUST BE SIGNED BY AN AUTHORIZED AGENT OF THE COMPANY BIDDING. PRINTING YOU NAME IN LIEU OF SIGNATURE WILL NOT BE ALLOWED.

VENDOR MUST RETURN BID PACKET IN ITS ENTIRETY, CLEARLY MARKED ORIGINAL, WITH 2 COMPLETE COPIES. FAILURE TO DO SO MAY RESULT IN REJECTION OF BID.

PRICES

PRICES BID SHALL BE BASED ON NEW, UNUSED, CURRENT PRODUCTION MODEL EQUIPMENT COMPLETELY ASSEMBLED AND READY FOR SERVICE. PRICE(S) BID SHALL REMAIN FIRM THRU FEBRUARY 2004.

WARRANTY

STANDARD WARRANTY INFORMATION IS TO BE SUPPLIED WITH YOUR BID.

METHODS OF SAMPLING, INSPECTIONS & TESTS

1. AFTER BID RESULTS ARE TABULATED, THE CITY OF TULSA PURCHASING DIVISION RESERVES THE RIGHT TO REQUIRE SAMPLES OF SELECTED MOWERS FOR INSPECTION AND EVALUATION. SAMPLES MAY BE DEMONSTRATOR MODELS WITH EQUIPMENT SIMILAR BUT NOT NECESSARILY IDENTICAL TO THAT LISTED IN THIS SPECIFICATION.
2. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR PURCHASE ORDER, THE SUPPLIER SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ALL INSPECTION AND TEST REQUIREMENTS NECESSARY TO INSURE COMPLIANCE WITH REQUIREMENTS FOR THIS SPECIFICATION. THIS DOES NOT PRECLUDE SUBSEQUENT INSPECTION AND TESTIMONY BY THE CITY OF TULSA TO FURTHER DETERMINE CONFORMANCE WITH SPECIFICATION REQUIREMENTS OF QUALITY STANDARDS OF WORKMANSHIP, MATERIAL AND CONSTRUCTION TECHNIQUES.

DELIVERY AND SPECIAL INSTRUCTIONS

THE SUCCESSFUL BIDDER(S) SHALL DELIVER ALL MOWERS, AT NO ADDITIONAL CHARGE, TO THE CITY OF TULSA'S SPECIFIC LOCATION AS DESIGNATED ON THE PURCHASE ORDER.

ADDENDA AND INTERPRETATIONS

IF IT BECOMES NECESSARY TO REVISE ANY PART OF THIS BID, A WRITTEN ADDENDUM WILL BE PROVIDED TO ALL THE BIDDERS. THE CITY OF TULSA IS NOT BOUND BY ANY ORAL REPRESENTATION, CLARIFICATIONS OR CHANGES MADE IN THE WRITTEN SPECIFICATIONS BY CITY OF TULSA EMPLOYEES UNLESS SUCH CLARIFICATION OR CHANGE IS PROVIDED TO BIDDERS IN WRITTEN ADDENDUM FORM FROM THE PURCHASING DIVISION.

ALTERING BIDS

BIDS CANNOT BE ALTERED OR AMENDED AFTER SUBMISSION DEADLINE. ANY INTERLINEATION, ALTERATION, OR ERASURE MADE BEFORE OPENING TIME AND DATE MUST BE INITIALED BY THE SIGNER OF THE BID, GUARANTEEING AUTHENTICITY. BIDS MUST BE SUBMITTED IN INK OR TYPEWRITTEN, PENCILING WILL NOT BE ACCEPTED.

DESCRIPTIVE LITERATURE

EACH BIDDER IS REQUIRED TO FURNISH WITH THEIR BID, CATALOG CUTS AND/OR DESCRIPTIVE LITERATURE, PROPERLY LABELED WITH THE BID NUMBER AND BIDDER'S NAME, WITH FULL ILLUSTRATIONS AND DETAILED SPECIFICATIONS FOR EACH ITEM OFFERED AS EQUAL TO THE BRAND NAME SPECIFIED. IN ADDITION, **ALL DIFFERENCES IN SPECIFICATIONS FROM THE SPECIFICATIONS STATED HEREIN MUST BE SO MARKED.** DESCRIPTIVE LITERATURE IS REQUIRED TO ESTABLISH, FOR THE PURPOSE OF BID EVALUATION AND AWARD, DETAILS OF THE PRODUCT(S) THE BIDDER PROPOSES TO FURNISH AS TO DESIGN, MATERIALS, METHOD OF MANUFACTURE, CONSTRUCTION, ASSEMBLY OR OPERATION, AS APPROPRIATE. **FAILURE TO SUBMIT THE DESCRIPTIVE LITERATURE MAY BE CAUSE FOR REJECTION OF YOUR BID.**

AMERICANS WITH DISABILITIES ACT

THE CONTRACTOR SHALL TAKE THE NECESSARY ACTIONS TO ENSURE ITS FACILITIES AND EQUIPMENT ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. IT IS UNDERSTOOD THAT THE PROGRAM OF THE CONTRACTOR IS NOT A PROGRAM OR ACTIVITY OF THE CITY OF TULSA. THE CONTRACTOR AGREES THAT ITS PROGRAM OR ACTIVITY WILL COMPLY WITH THE REQUIREMENTS OF THE ADA. ANY COSTS OF SUCH COMPLIANCE WILL BE THE RESPONSIBILITY OF CONTRACTOR. UNDER NO CIRCUMSTANCES WILL CONTRACTOR CONDUCT ANY ACTIVITY WHICH IT DEEMS TO NOT BE IN COMPLIANCE WITH THE ADA.

EMPLOYMENT DISCRIMINATION BY CONTRACTOR PROHIBITED

A. DURING THE PERFORMANCE OF THIS CONTRACT, THE CONTRACTOR AGREES AS FOLLOWS:

(1) THE CONTRACTOR WILL NOT DISCRIMINATE AGAINST ANY EMPLOYEE OR APPLICANT FOR EMPLOYMENT BECAUSE OF RACE, RELIGION, COLOR, SEX OR NATIONAL ORIGIN, EXCEPT WHERE RELIGION, SEX OR NATIONAL ORIGIN IS A BONA FIDE OCCUPATIONAL QUALIFICATION REASONABLY NECESSARY TO THE NORMAL OPERATION OF THE CONTRACTOR. THE CONTRACTOR AGREES TO POST IN CONSPICUOUS PLACES, AVAILABLE TO EMPLOYEES AND APPLICANTS FOR EMPLOYMENT, NOTICES SETTING FORTH THE PROVISION OF THIS NON-DISCRIMINATION CLAUSE.

(2) THE CONTRACTOR, IN ALL SOLICITATIONS OR ADVERTISEMENTS FOR EMPLOYMENT PLACED BY OR ON BEHALF OF THE CONTRACTOR, WILL STATE THAT SUCH CONTRACTOR IS AN EQUAL OPPORTUNITY EMPLOYER.

(3) NOTICES, ADVERTISEMENTS AND SOLICITATIONS PLACED IN ACCORDANCE WITH FEDERAL LAW, RULE OR REGULATION SHALL BE DEEMED SUFFICIENT FOR THE PURPOSE OF MEETING THE REQUIREMENTS OF THIS SECTION.

B. THE CONTRACTOR WILL INCLUDE THE PROVISION OF THE FOREGOING PARAGRAPHS OF THIS SECTION IN EVERY SUBCONTRACT OR PURCHASE ORDER OF OVER \$10,000, SO THAT THE PROVISIONS WILL BE BINDING UPON EACH SUBCONTRACTOR OR VENDOR.

AWARD OF BID

THE BID SHALL BE AWARDED TO THE FIRM WHOSE PROPOSAL IS RESPONSIVE TO THE BID AND IS MOST ADVANTAGEOUS TO THE CITY, CONSIDERING THE FACTORS IDENTIFIED IN THE BID AND SECTION 406E OF TITLE 6, THE PURCHASING ORDINANCE SET FORTH BELOW:

E. AWARD OF CONTRACT.

1. AUTHORITY OF MAYOR. THE MAYOR SHALL HAVE THE AUTHORITY TO AWARD CONTRACTS WITHIN THE PURVIEW OF THIS CHAPTER.

2. LOWEST SECURE BIDDER. CONTRACTS SHALL BE AWARDED TO THE LOWEST SECURE BIDDER MEETING SPECIFICATIONS. IN DETERMINING "LOWEST SECURE BIDDER", IN ADDITION TO PRICE, THE FOLLOWING FACTORS SHALL BE CONSIDERED:

A. THE ABILITY, CAPACITY AND SKILL OF THE BIDDER TO PERFORM THE CONTRACT OR PROVIDE THE SERVICE REQUIRED;

B. WHETHER THE BIDDER CAN PERFORM THE CONTRACT OR PROVIDE THE SERVICE PROMPTLY OR WITHIN THE TIME SPECIFIED, WITHOUT DELAY OR INTERFERENCE;

C. THE CHARACTER, INTEGRITY, REPUTATION, JUDGMENT, EXPERIENCE AND EFFICIENCY OF THE BIDDER;

D. THE QUALITY OF PERFORMANCE OF PREVIOUS CONTRACTS OR SERVICES;

E. THE PREVIOUS AND EXISTING COMPLIANCE BY THE BIDDER WITH LAWS AND ORDINANCES RELATING TO THE CONTRACT OR SERVICE;

F. THE SUFFICIENCY OF THE FINANCIAL RESOURCES AND ABILITY OF THE BIDDER TO PERFORM THE CONTRACT OR PROVIDE THE SERVICE;

G. THE QUALITY, AVAILABILITY AND ADAPTABILITY OF THE SUPPLIES OR CONTRACTUAL SERVICES TO THE PARTICULAR USE REQUIRED;

H. THE ABILITY OF THE BIDDER TO PROVIDE FUTURE MAINTENANCE AND SERVICE FOR THE USE OF THE SUBJECT OF THE CONTRACT, AND;

I. WHERE AN EARLIER DELIVERY DATE WOULD BE OF GREAT BENEFIT TO THE REQUISITIONING AGENCY, THE DATE AND TERMS OF DELIVERY MAY BE CONSIDERED IN THE BID AWARD, AND;

J. THE NUMBER AND SCOPE OF CONDITIONS ATTACHED TO THE BID.

K. IF A POINT SYSTEM HAS BEEN UTILIZED IN THE BID SPECIFICATIONS, THE NUMBER OF POINTS EARNED BY THE BIDDER.

MANUALS

THE SUCCESSFUL BIDDER SHALL SUPPLY ONE (1) PARTS MANUAL, ONE (1) SERVICE MANUAL, ONE (1) OPERATOR'S MANUAL WITH EACH UNIT FURNISHED.

11 BLADE DIESEL FAIRWAY MOWER-2WD

ENGINE	Liquid-cooled turbo diesel, 3-cylinder. 35 hp (26.1 kW) gross @ 3000 RPM. 68.5 cu. in. (1123 cm ³) displacement. Pressurized lubrication system with 4.0 quart (3.8 liter) capacity. Heavy-duty three state, radial seal air cleaner with dust bowl and restriction indicator. Fuel filter/water separator with visible bowl.
RADIATOR	Mid-mounted radiator with industrial tube and fin construction; 7 fins per inch. 7.5 quart (7.1 liter) capacity.
FUEL CAPACITY	10 gallon (37.9 liter) diesel fuel.
TRACTION DRIVE	Power to the front drive wheels is via a hydrostatic transmission coupled to a mechanical drive axle.
GROUND SPEED	0-10 mph (0-16.1 km/hr) forward for transport or mow; 0-4 mph (0-6.4 km/hr) reverse.
TIRES	26.5 x 14-12 front drive tires provide maximum traction ability while minimizing turf abrasion. 20 x 10-10 rear tires.
MAIN FRAME	All welded formed steel frame, includes three tie-down loops.
BRAKES	Individual drum type wheel brakes and parking brakes on front traction wheels. Hydrostatic braking through traction drive.
STEERING	Power steering with dedicated power source.
GAUGES	Hour meter, speedometer, fuel gauge, temperature gauge, cluster gauge with glow plug and charge indicator lights, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off.)
DIAGNOSTICS	System allows precision timing and control of machine functions for maximum reliability. Available diagnostic display connects to an electronic control unit to pinpoint any electrical problems quickly and easily. Also allows for detection of intermittent problems.
CONTROLS	Power steering, adjustable seat position, single forward and reverse traction pedal, traction speed limiter, individual brake pedals, parking brake latch, ignition key switch, PTO switch, throttle, joystick control for cutting unit raise and lower, reel speed and backlap control knobs.

ELECTRICAL & INTERLOCKS

12 volt maintenance free battery, 530 CCA. Electronic control unit is microprocessor based, solid state control unit with diagnostic capabilities. Traction pedal, operator presence in seat, PTO engage or disengage safety interlock switches, parking brake switch and individual circuit backlap switches. Diagnostic hand held tool to be included.

REEL SPEED CONTROL

Reel drive circuit is split into front and rear independent circuits. Hydraulic functions controlled by an integrated hydraulic control block. Reel speeds are manually adjustable between 200 – 1600 RPM (200 RPM in backlap).

SEAT Deluxe high back suspension seat with adjustable fore and aft travel, and weight and height adjustment.

OVERALL DIMENSIONS

Height	Length (w/o baskets)	Wheel Base
59" (150 cm)	113" (287 cm)	62" (158 cm)
Overall Width/Transport	Front Wheel Tread	
88" (224 cm)	61" (155 cm)	

CERTIFICATION

This product complies with the American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).

WARRANTY

Two year limited warranty. Include Service Manuals.

TYPE

Five hydraulically driven, balanced cutting units, interchangeable to all positions with standard weight transfer. 11-Blade units.

SIZE

22" (56 cm) wide cutting units, 7" (18 cm) diameter reels.

HOC RANGE

11 Blade: 3/8" – 5/8" (9.5mm – 16 mm).

CLIP FREQUENCY/ BACKLAPPING

Manually controlled variable reel speed for adjustment of clip frequency. Standard on-board backlapping.

BEDKNIFE/BEDBAR

Single point adjustment (SPA) of bedknife to reel.

ROLLERS

Front roller: 3" (7.6 cm) diameter machined grooved roller. Rear roller: 3.0" (7.6 cm) diameter full roller standard. Rear Roller Scrapers.

VERTICAL MOWERS

Set of five (5) Vertical Mower Cutting Units for dethatching.