

AM Machinery inspection certificate

# John Deere 7780

#24001



Price on request

## AMMACHINERY PREMIUM PACKAGE



### SOLD WITH WARRANTY

30 engine hours / 150 days on  
CROP-FLOW components



### AM INSPECTION CERTIFICATE

300 point inspection  
Specs & options check  
Functional test



### AM AFTER SALES

Financing  
All-risk shipment insurance



AMMACHINERY

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Dear sir/madame,

Thank you for your interest in our **John Deere 7780** built in **2014**, with our internal stock number **24001**. We are a dedicated SPFH specialist, we work professional and transparent, all our equipment is cleaned and run through our 300 points inspection report. Use this link to get below information:

<https://www.ammachinery.nl/john-deere-7780-24001.html>

### Technical specifications

Partnumber	24001	Brand	John Deere
Model	7780	Year of manufacture	2014
Series	7000	Road speed (km/h)	40
Attr 2 or 4 wheel drive	4 WD	Engine Brand	John Deere
Engine type	L6	Engine Power HP	625
Engine Power (KW)	460	Front Tires Brand	Trelleborg
Rear Tires Brand	Continental	Front Tires Size	800/65 R32
Rear Tires Size	600/65 R28	Front Tires profile	75
Rear Tires Profile	65	Emission Level	Tier 3
Type knife drum	Standard		
Knife drum	56		
Amount of knives installed	56		
Kernel processor type	Saw tooth		

### Options

Auto lubrication	Yes	Spout extension	Yes
Automatic spout rotation	Yes	Rear weights	Yes
Trailer hitch	Yes	NIR sensor cabling	Yes
Autopilot module prepared	Yes	Electrical adjustable mirrors	Yes
Electrical heated mirrors	Yes	Side window wipers	Yes
Electrical KP-gap adjustment	Yes	Dumpkit	Yes
Xenon lights	Yes	LED lights	Yes
Sunblinds window(s)	Yes		

## 2) Short Description

For sale 2014 John Deere 7780i Prodrive forage harvester including Kemper 375 PLUS, 10 rows. 3775 engine hours, 3018 drum hours. 4WD, auto lube, extra weights, kernel processor (corn cracker). This machine has been inspected on 300 points.

## 3) Product Images





## 4) Inspection Report

### Levels

Anti-freeze level in °C	- 25 °C	Cooling liquid level	V
Engine oil level	X*	Hydraulic oil level	V
Left hand front end drive oil level	V	Rear axle oil level	V
Left hand rear end drive oil level	X*	Right hand rear end drive oil level	X*
Upper feedrolls gearbox oil level	V	Gearbox oil level	X*
Brake fluid	N.A.		

### Condition

## Knife drum

Type knife drum	Standard	Knife drum	56
Amount of knives installed	56	Knife condition	70%%
Knife holders	V	Knife drum configuration	Corn
Shearbar front surface	★☆☆☆☆	Shearbar rear surface	★★☆☆☆
Shearbar active position	Rear	Left hand Knife drum bearing	V
Right hand Knife drum bearing	V	Knife drum bottom plate	★★★☆☆
Knife drum rear plate	★★★☆☆	Knife drum front cover	★★☆☆☆
Knife drum stone cover	★★☆☆☆	Knife drum chain coupler	V
Sharpening stone	★★☆☆☆	Left hand lift cilinder	X*
Right hand lift cilinder	X*		

## Kernal processor

Gras chute liner	★☆☆☆☆	Corn shute liner	★★★★☆
Kernel processor rolls	★★★★☆	Kernel processor type	Saw tooth
Kernel processor drive belt	★☆☆☆☆	Kernel processor drive tensioner bearings	X*
Kernel processor belt rollers	X*	Kernel processor belt tensioner rolls	X*
Kernel processor housing	★★★☆☆	Wear plates	★★★☆☆

## Feedrolls

Upper front feedroll ★★★★★☆

Upper rear feedroll ★★★★★☆

Smooth roll ★★★★★☆

Smooth roll scraper ★★☆☆☆☆

Upper rear feedroller left hand bearing V

Metal detector roll left hand bearing X\*

Smooth roll left hand bearing V

Upper feedroller arm bushing V

Upper feedrolls drive shaft X\*

Upper feedrolls arm bump stops X\*

Metal detector roll drive shaft V

Upper front feedroll wear strips ★★★★★☆

Metal detector roll ★★★★★☆

Smooth roller chain coupler V

Upper front feedroller left hand bearing V

Upper rear feedroller right hand bearing V

Metal detector roll right hand bearing V

Smooth roll right hand bearing V

Feeder housing wear plates V

Upper feedrolls tension springs X\*

Gearbox upper feedrolls X\*

### Corn cave

Corn cave liner ★★★★★☆

Corn cave door ★★★★★☆

Corn cave top liner ★☆☆☆☆☆

### Blower

Blower paddles 98%

Blower housing V

Right hand blower bearing X\*

Blower liner ★★★★★☆

Left hand blower bearing X\*

### Transition housing

Transition housing ★★★★★☆

Transition liners ★☆☆☆☆☆

### Spout

Spout turnable wear shims ★★★★★

Spout complete housing ★★★★★

Spout middle liner ★★★★★

Spout side liners ★★★★★

Spout extension liner ★★★★★

Outer Spout deflector ★★★★★

Spout swivel tube ★★★★★

Spout front liner ★★★★★

Spout rear liner ★★★★★

Spout extension ★★★★★

Inner Spout deflector ★★★★★

Spout deflector liners ★★★★★

## Engine

Dry engine X\*

Engine belting V

Exhaust system V

Airfilters X\*

Rotary air screen rollers N.A.

Engine belting idler roller V

Rotary air screen belt V

Rotary screen fan drive belt tensioner V

Waterpump bearings V

Engine belt tensioners V

Engine mounting V

Rotary air screen V

Cleaner cooling package X\*

Rotary air screen tensioner roller V

Rotary screen fan drive belt V

## Operational Test

### Main drive

Main clutch ★★★★★

Main belt tensioner bearings V

Main drive belt ★★★★★

### Drive train

Front drive shaft's and coupler's V

Rear axle stub axle V

Steering cylinders V

Tires condition V

Rear axle ball joint X\*

## Operators station

Front window	V	Rear window	V
Cab door	V	Cab door latch	V
Cab right hand window	V	Cab roof	V
Cab front bottom cover	V	Mirrors	V
Joystick	V	Armrest control panel	V
Steering wheel adjustment	V	Front window wiper	V
Rear window wiper blade	N.A.	Side window wipers blade	V
Cab air filter	X*	Seat	V

### Machine body

Front cover	V	Left hand cover	V
Right hand cover	V	Rear cover	V

### Electrical

Head lights	V	Rear lights	V
Brake lights	V	Turn signal/hazard lights	V
Rotary beacon	V	Dome lights	V
Cab upper front work lights	V	Cab side work lights	V
Fender work lights	X*	Upper rear work lights	X*
Lower rear work lights	N.A.	Spout work lights	V
Fuel gauge	V		

### Functional test



Engine oil pressure low idle cold	4.1 bar	Engine oil pressure high idle cold	5.7 bar
Engine oil pressure low idle operating temperature	3.4 bar	Engine oil pressure high idle operating temperature	4.9 bar
Hydrostatic drive neutral	V	Transmission shifting	V
4WD working (if applicable)	V	Foot brakes L/R	V
Parking brake	V	Main clutch working	V
Autolube	X*	Length of Cutter adjustment	V
Header height control	V	Header Lateral Tilt (if applicable)	N.A.
Front hydraulics	V	Dump valve (high flow hydraulics)	N.A.
Spout turning	V	Metal detector	V
Spout deflector	V	Sharpening system	X*
Shearbar adjustment	X*	Cutterhead reverser	V
Kernel processor gap adjustment	V	Airconditioning cold	V
Electrical functions cabin	V	Camera(s)	N.A.
Radio	V	Road & Working Lights	V
Free of error codes	V		

## Header

Stocknumber	24002	Brand	Kemper
Model	375 plus	Amount of rows	10
Working width	7.5 meter	Autosteer sensor	V
Header lateral tilt	V	Header height control sensors	N.A.
Cutting knives	★☆☆☆☆	Drum bearings	V
Cleaners	X*	Drums	V
Drum cleaners / scrapers	V	Drive shaft	V
Drive line couplers	V	Drive chains and belts	N.A.
Crop dividers	X*	Oil levels	X*
Down corn augers	N.A.	Ground skid plates	X*
Fold cilinders	V	Hydraulic hoses/lines	V
Transport accident prevention	N.A.	Support wheel(s)	N.A.
Support legs	V	Wearplates	V

## 5) Operational test

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### Main drive

Main clutch	★☆☆☆☆	Main drive belt	★★★★★
Main belt tensioner bearings	V		

## 6) Recommended Repairs

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- 13.5 Ltr engine oil change
- 1e spout side liner replacement LH
- 7080 series right hand blower bearing replacement
- 70MM lift cilinder seal's replacement
- Air filter replacement 7700-7750-7780-7800-7850
- Angled gearbox seals main clutch replacement
- Autolube housing replacement (24001)

Bearing replacement  
Blower paddles adjustment  
Bushing cil support replacement  
Cab AC filter replacement  
Cab air filter replacement  
Cleaners support replacement Kemper 375  
Corn cave top liner replacement  
Corn shearbar replacement  
Fender work light replacement LH  
Front LH spring mounting bolts replacement  
Front liners replacement  
Front RH spring mounting bolts replacement  
Gearbox oil replacement Prodrive  
Grass chute complet new  
Header drive output shaft seal replacement IV-Loc  
Kemper 300 plus skid plate 4e left replacement  
Kemper 300 plus skid plate 5e left bolt replacement  
Kemper 300 plus skid plate 5e left replacement  
Kemper 300 plus skid plate 6e left bolt replacement  
Kemper 300/400 6e gearbox knifedisc oil leakage top and rear repair  
Kemper 300/400 7e gearbox knifedisc oil leakage top and rear repair  
Kemper 300plus 6e rear gearbox frame seals replacement  
Kemper 300plus 7e rear gearbox frame seals replacement  
Kemper 375 knife and cleaner replacement  
Kernal processor main drive upper roller pulley replacement 208,4 mm 4ril  
Kernel processor belt idler rollers bearings replacement  
Kernel processor belt right hand side replacement  
Kernel Processor drive tensioner bearings replacement  
Kernel processor lower roller right hand bearing replacement  
Kernel Processor main drive belt replacement 4ril HXE13951  
Kernel processor tension roller bearings replacement  
Knife drum front cover replacement  
Knife drum stone cover replacement  
Knock sensor replacement  
Left hand blower bearing replacement  
Left hand rear end drive oil replacement  
LH outer ball joint replacement  
Lower feedrolls output drive shaft's seals replacement  
Main clutch seal replacement  
Metal detector rol left hand bearing replacement  
Oil pan seal replacement 13,5 ltr  
Rear liners replacement  
Right hand rear end drive oil replacement  
Rotary air screen belt idler roller replacement  
Sharpening stone wear slideplate replacement  
Sharpening system play repair  
Smooth roll scraper adjustment  
Spout rear liner replacement  
Upper feedrolls arm bump stops replacement rear  
Upper feedrolls drive shaft replacement IVLOC  
Upper feedrolls gearbox seals and bearings replacement From SN 508100

Upper rear LH spring top mountingbolt replacement  
Upper rear RH spring top mountingbolt replacement  
Upper rear work lights bulb replacement  
Welding 4 hours  
2e spout side liner replacement LH  
2e spout side liner replacement RH

## 7) A&M PREMIUM Warranty

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All our equipment is inspected with the Harvester-Guard (R) inspection software. This certificate declares that this forage harvester has A&M PREMIUM warranty on:

1. All inspected CROP-FLOW components with a 3, 4 or 5 star rating.
2. All CROP-FLOW bearings which have status approved.

### **Warranty on repairs:**

Components with 1 or 2 star rating are subject for repair and have no warranty. In case A&M Machinery is ordered to repair the 1 and 2 stars components then warranty is in place, as repair implies upgrade to 5 stars or status approved.

Eventually repairs are reported in the "A&M PREMIUM or A&M EXCLUSIVE warranty certificate & terms" document.