

# Memo

To: Village Board

From: Chris Clark, Director of Parks, Recreation, & Forestry

Re: Authorization to Purchase a Stump Grinder for the Parks Department; 2018 Budgeted Item

Date: February 6, 2018

## Background Information:

### **Replacement of Fleet #107 – 2013 Stump Grinding Attachment**

The Parks, Recreation, and Forestry Department is requesting authorization to purchase a stump grinder. The stump grinder will be utilized for stump removals during urban forestry operations in the Parks Department. The Department is co-purchasing the stump grinder with the Village of Ashwaubenon. The Village of Allouez will purchase the equipment outright, and get reimbursed half of the cost from Ashwaubenon.

This type of equipment is not utilized on a consistent basis and we found that partnering with another community on the purchase and use will allow each entity to have the ability to perform stump grinding operations in an efficient and timely manner and be fiscally responsible with equipment purchasing. In addition, the Department is working with Ashwaubenon on a joint use and maintenance agreement for use of this equipment.

Fleet equipment is on a replacement schedule according to estimated useful life. Once equipment reaches its estimated useful life it is evaluated for replacement utilizing the Equipment Replacement Fund. The useful life of stump grinders is typically 10 years. We moved this up on the replacement schedule because of the opportunity to co-purchase a larger unit with the Village of Ashwaubenon.

The Department will sell the 2013 attachment at public auction. Proceeds from this auction will be placed back into the Equipment Replacement Fund to offset the purchase cost of the new equipment. Historically, the Village has received a better price for used equipment from public auction versus trade in value.

Budget Information:

The replacement of Fleet #107 – Stump Grinder has been approved in the 2018 equipment replacement budget at \$35,000.00 to come from the Equipment Replacement Fund.

Equipment Make	Dealer	Quote
2018 Vermeer SC802	Vermeer of Wisconsin	\$51,569.87 (NJPA Program)
2018 Vermeer SC802	Vermeer of Wisconsin	\$58,086.00
2018 Rayco RG74DXH	L.F. George	\$64,000.00 (budget quote)

Staff Recommendation:

Staff recommends that the Village Board authorize the purchase of the Vermeer SC802 stump grinder at a cost of \$51,569.87 from Vermeer of Wisconsin utilizing the National Joint Powers Alliance purchasing program. Allouez' final cost will be \$25,784.93.

Attachments:

- Information from the Allouez Capital Improvement Program
- Vermeer SC802 informational sheet

**Capital Improvement Plan**  
**Village of Allouez, Wisconsin**

2018 thru 2022

Department Parks and Recreation  
 Contact Director of Parks, Recreation  
 Type Equipment  
 Useful Life 10 years  
 Category Equipment: Miscellaneous  
 Priority 3 Important  
 Status Active

Project # PR-2018-107  
 Project Name Replace Fleet #107 2013 Stump Grinder

Total Project Cost: \$35,000

**Description**

Replace a 2013 stump grinding attachment with a larger horsepower tow behind stump grinder. This equipment item will be cost shared with the Village of Ashwaubenon Parks Department.

**Justification**

The Stump Away stump grinding attachment is scheduled for replacement in 2023 however it has been found to be undersized and inadequate for our current and future forestry operation needs.

With the age of the public urban forest as well as the infestation of the emerald ash borer, the Forestry Division will see an increase in tree removals in the next decade. The majority of these trees will be of larger sizes which exceed the capacity of the current stump grinding attachment that the Division currently uses.

The Village of Ashwaubenon would like to cost share on this piece of equipment with shared responsibility and maintenance. Stump grinding operations can be scheduled accordingly to accommodate the needs of each community with little to no overlap.

In addition this piece of equipment can be utilized during tree planting operations to dig planting holes in a more efficient manner. The Division will see an increase in tree replacement plantings with emerald ash borer tree removals.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	35,000					35,000
<b>Total</b>	<b>35,000</b>					<b>35,000</b>

Funding Sources	2018	2019	2020	2021	2022	Total
Equipment Replacement Fund	35,000					35,000
<b>Total</b>	<b>35,000</b>					<b>35,000</b>

**Budget Impact/Other**

Budget Items	2018	2019	2020	2021	2022	Total	Future
Maintenance		250	250	250	250	1,000	250
<b>Total</b>		<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>1,000</b>	<b>Total</b>





# SC802 STUMP CUTTER



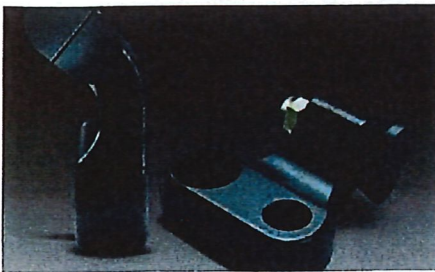
**AUTOSWEEP.** The patented AutoSweep® control system monitors engine speed and automatically adjusts cutter wheel sweep rate to maximize power to the cutter wheel while reducing engine stress.



**OPERATOR PRESENCE SYSTEM.** This user-friendly operator presence system is intended to help protect the operator and enhance operator safety.



**TONGUE LENGTH.** A 60" (152.4 cm) tongue extension helps reduce the amount of repositioning needed on a jobsite.



**PATENTED YELLOW JACKET™ CUTTER SYSTEM.** The Vermeer-exclusive Yellow Jacket cutter system is designed to provide faster, easier serviceability, as well as extended pocket and tooth life.



**SWING ARC.** The sweep arc measures 103" (261.6 cm). The below-ground cutting depth of 25" (63.5 cm) allows operators to cut even the largest stumps efficiently. The rear deck design allows for chip containment capacity of approximately 68 cu ft (1.9 cu/m).



**FLOATATION TIRES.** This standard feature allows the weight of the machine to be dispersed over a larger area reducing the ground disturbance.



