

Capacity rating - Dozer blades according of SAE J / ISO 9246 (1988)
 Note. SAE J 1265 (1988) cancelled May 2003 and has been superseded by SAE J / ISO 9246

Vs: Volume of blade
 V1: Capacity volume of blade
 Am: Blade projected area

$$V1 = Vs$$

$$Vs = 0,8 \times W \times (H')^2$$

$$H' = Am / W$$

$$Am = h \times W$$

E260-E320:
 Blade = 912153
 $Am = 1,747 \text{ m} \times 3,658 \text{ m} = 6,390 \text{ m}^2$
 $H' = 6,390 \text{ m}^2 / 3,658 \text{ m} = 1,747 \text{ m}$
 $Vs = 0,8 \times 3,658 \text{ m} \times (1,747 \text{ m})^2 = 8,931 \text{ m}^3$

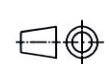
E380:
 Blade = 910426
 $Am = 1,756 \text{ m} \times 4,508 \text{ m} = 7,920 \text{ m}^2$
 $H' = 7,920 \text{ m}^2 / 4,508 \text{ m} = 1,757 \text{ m}$
 $Vs = 0,8 \times 4,508 \text{ m} \times (1,757 \text{ m})^2 = 11,133 \text{ m}^3$

E450-E520:
 Blade = 910430
 $Am = 1,962 \text{ m} \times 4,950 \text{ m} = 9,712 \text{ m}^2$
 $H' = 9,712 \text{ m}^2 / 4,950 \text{ m} = 1,962 \text{ m}$
 $Vs = 0,8 \times 4,950 \text{ m} \times (1,962 \text{ m})^2 = 15,244 \text{ m}^3$



3	910430	1	.									kpl
2	910426	1	.									kpl
1	912153	1	.									kpl
Part	Drawing no Code	Qty	Descr of part or assembly			Dimensions, Material, Standards			Qty / Part	Unit		
Mass kg	Scale	Tolerance	Model		Connect			Drawn	TVä	2013-03-28		
4572	1:20		E260-E520					Checked				
Surface treatment			Description		Dozer blade			Approved				
			Capacity					Replaces				
								Replaced				
								Drawn no.	924206	Rev.		

Rev	Bill.	Description	Date	Dra.



TANA
 From Waste to Value

Surface treatment inst D100146; Welding inst D100302; Untolerated dimensions D100300 (ISO 2768) and D100301 (ISO 13920)