Machine hour calculation: Excavatiorake away

Number of m3 to be moved in solid measure	500	m^3
Bucket size	2,00	m^3

Choice of Machine: Excavator Volvo EC210C

Calculation of transport

Choice of vehicle: Scania R114CB

Max load pr vehicle:	0	kg
Max number of m3	12,00	m^3
Do not exceed the maximum payload	22.200	

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		2,00	m^3
		500	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		30	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	126,72	m^3/time
Hours total		4	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		22.200	kg
Distance to tip		5	km
Speed		50	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	12,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	12,00	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	5,68	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	20,28	min
Lorrys production	(60min/h/ circulationtime)*max.volume	35,50	m^3/time
Number off truks		3,6	
Hours total		14	Hours

Machine hour calculation:

Excavation topsoil — **Take away**

Number of m3 to be moved in solid measure	970,82	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle:	0	kg
Max number of m3	6,00	m^3
Do not exceed the maximum payload	11.100	

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		970,82	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		9	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	3,16	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	6,48	min
Lorrys production	(60min/h/ circulationtime)*max.volume	55,59	m^3/time
Number off truks		2,1	
Hours total		17	Hours

Machine hour calculation:

Backfilling topsoil — **Wheel Loader**

Number of m3 to be moved in solid measure: 471,88 m^3

Bucket size: 0,47 m^3

Cat 247 bæltelæsser Wheel loader

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle: 0 kg

Max number of m3: 6,00 m^3

Do not exceed the maximum payload: 11.100

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		0,47	m^3
		471,88	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	35,74	m^3/time
Hours total		13	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	10,07	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	13,39	min
Lorrys production	(60min/h/ circulationtime)*max.volume	26,88	m^3/time
Number off truks		1,3	
Hours total		26	Hours

Machine hour calculation:
Backfilling topsoil with excavator

TOPSOIL

Number of m3 to be moved in solid measure	471,88	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Calculation of transport

Max load pr vehicle:	0	kg
Max number of m3	0,00	m^3
Do not exceed the maximum payload	0	

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		471,88	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		4	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		0	kg
Distance to tip		0	km
Speed		0	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	0,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	#¡DIV/0!	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	0,00	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	#¡DIV/0!	min
Lorrys production	(60min/h/ circulationtime)*max.volume	#¡DIV/0!	m^3/time
Number off truks		#¡DIV/0!	
Hours total		#¡DIV/0!	Hours

Machine hour calculation: Excavatiorake away

Number of m3 to be moved in solid measure	500	m^3
Bucket size	2,00	m^3

Choice of Machine: Excavator Volvo EC210C

Calculation of transport

Choice of vehicle: Scania R114CB

Max load pr vehicle:	0	kg
Max number of m3	12,00	m^3
Do not exceed the maximum payload	22.200	

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		2,00	m^3
		500	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		30	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	126,72	m^3/time
Hours total		4	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		22.200	kg
Distance to tip		5	km
Speed		50	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	12,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	12,00	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	5,68	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	20,28	min
Lorrys production	(60min/h/ circulationtime)*max.volume	35,50	m^3/time
Number off truks		3,6	
Hours total		14	Hours

Machine hour calculation:

Excavation Raw soil — **Take away**

Number of m3 to be moved in solid measure	2353,24	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle:	0	kg
Max number of m3	6,00	m^3
Do not exceed the maximum payload	11.100	

Zone A + Lift and stairs basement

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		2353,24	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		21	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	3,16	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	6,48	min
Lorrys production	(60min/h/ circulationtime)*max.volume	55,59	m^3/time
Number off truks		2,1	
Hours total		42	Hours

Machine hour calculation:

Excavation raw soil — **Take away**

Number of m3 to be moved in solid measure: 849,52 m^3

Bucket size: 1,50 m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle: 0 kg

Max number of m3: 6,00 m^3

Do not exceed the maximum payload: 11.100

Zone B + Exterior stairs

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		849,52	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		7	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	3,16	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	6,48	min
Lorrys production	(60min/h/ circulationtime)*max.volume	55,59	m^3/time
Number off truks		2,1	
Hours total		15	Hours

Machine hour calculation:

Excavation raw soil — **Take away**

Number of m3 to be moved in solid measure: 169,26 m^3

Bucket size: 1,50 m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Calculation of transport

Choice of vehicle: Scania R114CB

Max load pr vehicle: 0 kg

Max number of m3: 6,00 m^3

Do not exceed the maximum payload: 11.100

Zone C

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		169,26	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		1	Hours

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	3,16	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	6,48	min
Lorrys production	(60min/h/ circulationtime)*max.volume	55,59	m^3/time
Number off truks		2,1	
Hours total		3	Hours

Machine hour calculation: Excavatioake away				**Calculation of transport**			
Number of m3 to be moved in solid measur		500	m^3	**Choice of vehicle: Scania R114CB**			
Bucket size		2,00	m^3				
Choice of Machine: Excavator Volvo EC210C				Max load pr vehicle:		0	kg
				Max number of m3		12,00	m^3
				Do not exceed the maximum payload		22.200	
Pos.nr:							
Text	**Formel.**	**Quantity**	**Unit**	**Text**	**Formel.**	**Quantity**	**Unit**
Bucket size		2,00	m^3	Max. Weigth		22.200	kg
		500	m^3	Distance to tip		5	km
Density		1850	kg/m^3	Speed		50	km/t
Efficiency		0,6	Faktor	Max volume.	(max weigth/soildensity)/loadingfactor	12,00	m^3
Cyclus time		30	Sek	Drivingtime total	2*(distance*60min/h)/avarage speed	12,00	min
				Loadingtime	Max volum/bucketsize*(cyklustime/60)	5,68	min
Loadind factor	0,8	0,8	Faktor	Unloading time		1,00	min
				Maneuvretime		1,60	min
Bucket factor		1,1	Faktor				
				Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	20,28	min
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	126,72	m^3/time	Lorrys production	(60min/h/ circulationtime)*max.volume	35,50	m^3/time
				Number off truks		3,6	
Hours total		4	Hours	Hours total		14	Hours

Machine hour calculation: Backfill

Wheel Loader **SAND**

Number of m3 to be moved in solid measur	707,31	m^3
Bucket size	0,47	m^3

Cat 247 bæltelæsser Wheel loader

Zone A + Lift and stairs basement

Pos.nr:

Text	Formel.		Quantity	Unit
Bucket size			0,47	m^3
			707,31	m^3
Density			1850	kg/m^3
Efficiency			0,6	Faktor
Cyclus time			25	Sek
Loadind factor		0,8	0,8	Faktor
Bucket factor			1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket		35,74	m^3/time
Hours total			20	Hours

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle:	0	kg
Max number of m3	6,00	m^3
Do not exceed the maximum payload	11.100	

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	10,07	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	13,39	min
Lorrys production	(60min/h/ circulationtime)*max.volume	26,88	m^3/time
Number off truks		1,3	
Hours total		40	Hours

Machine hour calculation: Backfill Excavator — SAND

Number of m3 to be moved in solid measur: 707,31 m³
Bucket size: 1,50 m³

Choice of Machine: Excavator Volvo ECR88 PLUS

Zone A + Lift and stairs basement

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m³
		707,31	m³
Density		1850	kg/m³
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m³/time
Hours total		6	Hours

Calculation of transport

Max load pr vehicle: 0 kg
Max number of m3: 0,00 m³
Do not exceed the maximum payload: 0

Text	Formel.	Quantity	Unit
Max. Weigth		0	kg
Distance to tip		0	km
Speed		0	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	0,00	m³
Drivingtime total	2*(distance*60min/h)/avarage speed	#¡DIV/0!	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	0,00	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	#¡DIV/0!	min
Lorrys production	(60min/h/ circulationtime)*max.volume	#¡DIV/0!	m³/time
Number off truks		#¡DIV/0!	
Hours total		#¡DIV/0!	Hours

Machine hour calculation: Backfill **SAND**

Wheel Loader

Number of m3 to be moved in solid measur	745,36	m^3
Bucket size	0,47	m^3

Cat 247 bæltelæsser Wheel loader

Zone B + Exterior stairs

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		0,47	m^3
		745,36	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	35,74	m^3/time
Hours total		21	Hours

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle:	0	kg
Max number of m3	6,00	m^3
Do not exceed the maximum payload	11.100	

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	10,07	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	13,39	min
Lorrys production	(60min/h/ circulationtime)*max.volume	26,88	m^3/time
Number off truks		1,3	
Hours total		42	Hours

Machine hour calculation: Backfill **SAND**

Excavator

Number of m3 to be moved in solid measur	745,36	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Zone B + Exterior stairs

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		745,36	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		7	Hours

Calculation of transport

Max load pr vehicle:	0	kg
Max number of m3	0,00	m^3
Do not exceed the maximum payload	0	

Text	Formel.	Quantity	Unit
Max. Weigth		0	kg
Distance to tip		0	km
Speed		0	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	0,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	#¡DIV/0!	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	0,00	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	#¡DIV/0!	min
Lorrys production	(60min/h/ circulationtime)*max.volume	#¡DIV/0!	m^3/time
Number off truks		#¡DIV/0!	
Hours total		#¡DIV/0!	Hours

Machine hour calculation: Backfill **SAND**

Wheel Loader

Number of m3 to be moved in solid measur	298	m^3
Bucket size	0,47	m^3

Cat 247 bæltelæsser Wheel loader

Zone C+ D

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		0,47	m^3
		298	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	35,74	m^3/time
Hours total		8	Hours

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle:	0	kg
Max number of m3	6,00	m^3
Do not exceed the maximum payload	11.100	

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	10,07	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	13,39	min
Lorrys production	(60min/h/ circulationtime)*max.volume	26,88	m^3/time
Number off truks		1,3	
Hours total		17	Hours

Machine hour calculation: Backfill **SAND**

Excavator

Number of m3 to be moved in solid measur	298	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Zone C+ D

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		298	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		3	Hours

Calculation of transport

Max load pr vehicle:	0	kg
Max number of m3	0,00	m^3
Do not exceed the maximum payload	0	

Text	Formel.	Quantity	Unit
Max. Weigth		0	kg
Distance to tip		0	km
Speed		0	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	0,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	#¡DIV/0!	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	0,00	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	#¡DIV/0!	min
Lorrys production	(60min/h/ circulationtime)*max.volume	#¡DIV/0!	m^3/time
Number off truks		#¡DIV/0!	
Hours total		#¡DIV/0!	Hours

Machine hour calculation: Backfill Wheel Loader — **MSG**

Number of m3 to be moved in solid measur: 194,06 m^3

Bucket size: 0,47 m^3

Cat 247 bæltelæsser Wheel loader

Zone C+ D

Pos.nr:

Text	Formel.		Quantity	Unit
Bucket size			0,47	m^3
			194,06	m^3
Density			1850	kg/m^3
Efficiency			0,6	Faktor
Cyclus time			25	Sek
Loadind factor		0,8	0,8	Faktor
Bucket factor			1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket		35,74	m^3/time
Hours total			5	Hours

Calculation of transport

Choice of vehicle: Thwaites dumper 6 ton

Max load pr vehicle: 0 kg

Max number of m3: 6,00 m^3

Do not exceed the maximum payload: 11.100

Text	Formel.	Quantity	Unit
Max. Weigth		11.100	kg
Distance to tip		0,06	km
Speed		10	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	6,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	0,72	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	10,07	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	13,39	min
Lorrys production	(60min/h/ circulationtime)*max.volume	26,88	m^3/time
Number off truks		1,3	
Hours total		11	Hours

Machine hour calculation: Backfill Excavator

MSG

Number of m3 to be moved in solid measur	194,06	m^3
Bucket size	1,50	m^3

Choice of Machine: Excavator Volvo ECR88 PLUS

Zone C+ D

Pos.nr:

Text	Formel.	Quantity	Unit
Bucket size		1,50	m^3
		194,06	m^3
Density		1850	kg/m^3
Efficiency		0,6	Faktor
Cyclus time		25	Sek
Loadind factor	0,8	0,8	Faktor
Bucket factor		1,1	Faktor
Production.	Bucketsize*(3600/cyclus time) *Efficience.*bucket	114,05	m^3/time
Hours total		2	Hours

Calculation of transport

Max load pr vehicle:	0	kg
Max number of m3	0,00	m^3
Do not exceed the maximum payload	0	

Text	Formel.	Quantity	Unit
Max. Weigth		0	kg
Distance to tip		0	km
Speed		0	km/t
Max volume.	(max weigth/soildensity)/loadingfactor	0,00	m^3
Drivingtime total	2*(distance*60min/h)/avarage speed	#¡DIV/0!	min
Loadingtime	Max volum/bucketsize*(cyklustime/60)	0,00	min
Unloading time		1,00	min
Maneuvretime		1,60	min
Circulationtime	Loadingtime+drivingtime+maneuvre+ unload	#¡DIV/0!	min
Lorrys production	(60min/h/ circulationtime)*max.volume	#¡DIV/0!	m^3/time
Number off truks		#¡DIV/0!	
Hours total		#¡DIV/0!	Hours