



The Guides

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SCREENING SOIL

Turn excavation material into a valuable resource

Commercial ➔

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Thank you to Simon Leake
from SESL for his assistance with
the SOILCO Screening Soil Guide.



Turn excavation material into a valuable resource.

Site excavation material can be regenerated into a valuable resource, reducing the cost of disposal and replacement.

Site soil is screened to remove large particles, aerate soil and improve structure. Screening soil will assist in meeting the particle size and soil texture requirements of earthwork specifications. Removal of oversized material and physical contamination allows plant roots greater soil penetration resulting in stronger vegetative growth.

SOILCO has a range of screens and hiring packages to choose from. Onsite screening options are designed to match output and grading requirements, and screen selection is determined by the different site conditions and types of materials to be processed.

SOILCO screens can also manage organic material such as bark, shredded green waste and compost. This will offer the client a tailored, cost effective solution for managing on site soil and organic wastes. The end result will be usable materials, savings on tipping fees and a sustainable outcome for waste management.



SOILCO is a horticulturally focused business, designing products for the regeneration of soil. Our team has diverse technical skills and work together to achieve desired results for your business.

With decades of experience and in-depth knowledge of Horticulture, Landscape and Environmental markets, we have a demonstrated track record for soil amelioration. SOILCO works with leading landscapers, civil contractors and land care agencies, offering adaptable methodologies for a variety of projects.

SOILCO has alliances with industry specialists enabling in depth analysis in all aspects of soil improvement. SOILCO personnel bring a wealth of experience in managing varying site conditions and volumes of materials across a broad range of works.

Our range of products and services for soil amelioration is extensive and includes:

- Compliance with OHS, Environmental and Quality obligations.
- Strong supply chains for effective project management.
- Adaptable methodologies
- Soil testing and results interpretation
- Versatile equipment with experienced operators
- Screening to achieve desired particle sizes
- Supply and blending of ameliorants such as compost and gypsum to improve the physical, chemical and biological properties of the site soil
- Co-ordination of multiple site activities including, screening, blending, loading
- AS4454 Certified Soil Conditioners graded to your specifications
- AS4419 Landscape and Garden Mixes – when additional soils are required



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SOILCO staff are trained in all aspects of plant operation and maintenance. They have been inducted to SOILCO's safe systems of work, which meet or exceed WHS requirements. Staff can manage various operations on site including screening, blending, loading and stockpile management.



There are a number of screening packages available:

- Wet Hire** Screens handled by SOILCO's trained operators. Also included is additional equipment such as loaders or excavators for efficient material handling.
- Dry Hire** Screen or equipment hire only. Included in the setup and induction are WHS requirements and assessment of operator competency.
- Contract Hire** For screening requiring equipment for fixed periods of time. SOILCO offers flexible programs, tailored to meet the needs of the client.

For all hire options full induction and safety manuals provided.

For more information on screening soil or to obtain a quote email Sales@screeningsoil.com.au



SOILCO has a range of track and wheel mounted trommel screens providing mobile flexibility.

With brand names such as Komptech, Doppstadt and Keestrack, the screens are robust and reliable, providing fit for purpose processing for a variety of different feed materials.



Drum Screens

Drum Screens are designed to provide a large screening area in a relatively small space. The rotating drum breaks up soil from hard clods and separates the smaller particles from the oversize. The drums are easily interchangeable with a selection of aperture sizes giving final fractions between 8mm and 40mm depending on your application.



Star Screens

Designed for organic materials, star screens are used in conjunction with shredders. Star screens offer better separation for oversize, wet materials and contamination such as plastic. Particle sizing can be easily changed by adjustment of the speed.



Keestrack Power Screen

The Keestrack is ideal for processing material with a high sand/ soil content. The Keestrack processes 30 - 200mm, 6mm to 30mm and minus 6mm fractions. This gives the end user options for blending to different soil specifications and the 200mm overs can be used decoratively onsite.



Mountings

Track Mounted Screens

For rugged ground and uneven terrain our track mounted screens can handle even the most difficult situations. Self-propelling, these screens can move between multiple stockpile locations within a short distance and are built to scale sloping ground.



Wheeled Mounted Screens

Suitable for level ground and hard stands, wheeled units can be towed around different areas of a job site if required.



If you would like more information on how our screens work, or a recommendation for your application please contact us.

Phone: 1300 254 443

Email Sales@screeningsoil.com.au

Recent Projects

| Client | Requirement | Location | Date |
|-------------------------|--|----------------------------|------------------|
| Burton Contractors | Screening, supply of GO Compost™ and amelioration to obtain 2,000m ³ improved site soil. | Werrington Rd | 2016 FY |
| Christie Civil | Site soil screening 4,000m ³ . Supply/deliver 600m ³ GO Compost™. Amelioration services and equipment hire. | North Ryde | Sept - Nov 2015 |
| Enviropacific Services | Supply/deliver 11,210 tonnes x off site screened sand for land development project. Additional organics spread and cultivated. | Botany | Jan - March 2015 |
| Greater West Landscapes | Soil screening and amelioration for RMS projects. Three projects totaling nearly 10,000m ³ of finished soil used for roadside plantings. | Projects in Western Sydney | 2017 - 18 FY |
| Insite Remediation | Twenty weeks dry hire for remediation project. | Belmont, Victoria | 2014 FY |
| Landscape Solutions | Screening, amelioration and spreading 3,000m ³ site soil. Supply of 1,000m ³ GO Compost™ t for screened soil treatment and direct spreading/cultivation with other amendments. | Wet n Wild, Prospect NSW | 2014 FY |
| Nace Civil Engineering | Screen 3,500m ³ of site soil. Blend with amendments. | Alfords Point | 2017 FY |
| RMA Contracting | Screen in excess of 50,000m ³ site soil | Pagewood | 2017 - 18 FY |

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Resources

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