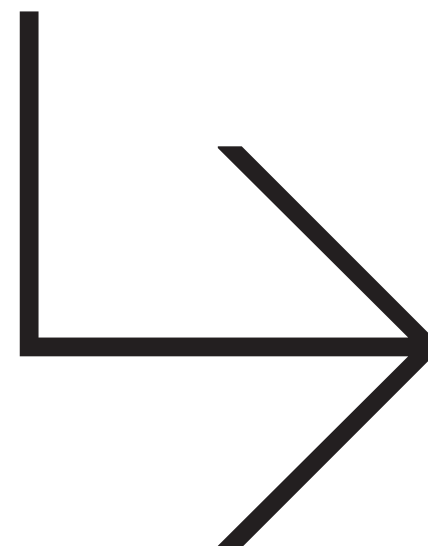


Onsite SemiMono

Semi-Fixed Width · 8 Weights · 8 Styles · 828 Glyphs / Style

The love-child of Onsite Mono and Onsite Standard, Onsite SemiMono is a unique hybrid that fuses technical nuances of a monospace (prolonged serifs and crossbars) with proportional spacing & kerning lent from Onsite Standard. The subfamily embodies associations and code-like language of a mono, but with none of the drawbacks of fixed-width characters.

A a Z z



Onsite SemiMono Thin
Onsite SemiMono Extralight
Onsite SemiMono Light
Onsite SemiMono Regular
Onsite SemiMono Book
Onsite SemiMono Medium
Onsite SemiMono Bold
Onsite SemiMono Extrabold

Other Subfamilies

Onsite Mono
Onsite Condensed
Onsite Standard
Onsite Extended

Information

Team & Designer(s) Joe Leadbeater	Commercial Release V1.000 / 2024
Engineer(s) Barbara Bigosinska	Glyphs /Style 828 Total Styles 008

OpenType Features
Discretionary Ligatures, Stylistic Sets 01 → 17, Caps, Built-in Fractions
Old Style Figures, Ordinal Indicators, Contextual Alternates, Superscript /
Numerator + Denominators, Superior + Subscript / Inferior Figures

Language Coverage
Abenaki, Afaan Oromo, Afar, Afrikaans, Albanian, Alsatian, Amis, Anuta,
Aragonese, Aranese, Aromanian, Arrernte, Asturian, Atayal, Aymara,
Basque, Bemba, Bikol, Bislama, Bosnian, Catalan, Cebuano, Chamorro,
Chavacano, Chichewa, Chickasaw, Cimbrian, Creek, Croatian, Czech,
Danish, Drehu, Dutch, English, Esperanto, Estonian, Faroese, Corsican,
Fijian, Filipino, Finnish, French, Friulian, Galician, Ganda, Genoese,
German, Gikuyu, Haitian, Creole, Hawaiian, Hiligaynon, Hopi, Hungarian,
Icelandic, Ilocano, Indonesian, Interlingua, Irish, Italian, Jamaican,
Kashubian, Kikongo, Kinyarwanda, Kiribati, Kirundi, Ladin, Latin, Latvian,
Lithuanian, Lombard, Luxembourgish, Maasai, Makhuwa, Malay,
Maltese, Manx, Marquesan, Meriam Mir, Mirandese, Mohawk, Moldovan,
Montagnais, Montenegrin, Murrinh - Patha, Ndebele, Neapolitan,
Ngiyambaa, Niuean, Noongar, Norwegian, Novial, Occidental, Occitan,
Oshiwambo, Palauan, Papiamentu, Piedmontese, Polish, Portuguese,
Potawatomi, Q'eqchi', Quechua, Romanian, Romansh, Samoan, Sango,
Saramaccan, Sardinian, Seri, Shawnee, Shona, Sicilian, Silesian,
Slovakian, Slovenian, Somali, Spanish, Sranan, Swahili, Swazi, Swedish,
Tagalog, Tahitian, Tetum, Tok Pisin, Tokelauan, Tumbuka, Turkish,
Venetian, Warlpiri, Wayuu, Wiradjuri, Wolof, Zapotec, Zulu and Zuni.

Available Licenses	Licenses on Request
Desktop (OTF)	Social Media
Web (WOFF · WOFF2)	Corporate (Unlimited)
App (OTF)	Customisation
Trials (OTF)	Entirely Bespoke

Available at www.socio-type.com	Contact info@socio-type.com
------------------------------------	--------------------------------

Copyright
©2024 SocioType — All Rights Reserved

Licensing
Typefaces may only be used as dictated by the terms
of the Sociotype End User License Agreement (EULA).
Visit our website for all license information.

The lures of
isolated living

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! (1 2 3 4))*

A Boulder House

Onsite SemiMono · Thin · 45pt

For the record
of \$14 million
in June 1911

Onsite SemiMono · Thin · 35pt

Swapping a zone 2
two-bed flat for a
Cotswold cottage

Onsite SemiMono · Thin · 23pt

But in July to September of 2020,
there was a huge 126% increase
in people considering new homes
based in small towns & villages,
versus 67% staying within cities.

Onsite SemiMono · Thin · 16pt

“We were following social norms that told us we
should live that way, and everyone else was
living that way,” Pre-pandemic, we were all busy
doing a lot of things because it’s what we did,
not necessarily what was making us feel well...”
↳ Nancy Colier: Psychology Today (2024)

The life inside of a “Coffin Home”

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

American dream

Onsite SemiMono · Extralight · 45pt

Watching many
YouTube videos of
'Never Too Small'

Onsite SemiMono · Extralight · 35pt

The median size of a
complete single-family
home was 2,261 ft²

Onsite SemiMono · Extralight · 23pt

These reminders are important
because by 2050, seven out of ten
people in the world will live in a
city*, an extraordinary stat by any
metric, never mind the amount
of resources that must consume.

Onsite SemiMono · Extralight · 16pt

For far-sighted city architects like
Adams, Melbourne's City Architect,
the goal is building infrastructure
within boundaries. For every 1 million
people kept within extant boundaries,
a saving of \$110b in infrastructure.

A Dingzihu or 'Nail House'

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

SPIEGELHALTER

Onsite SemiMono · Light · 45pt

He dug in his
heels & refused
to sell his land.

Onsite SemiMono · Light · 20pt

In the US, 'Eminent Domain' – the right of the state to take private property without consent of the property owner's – has historically been used to forcibly remove residents, and often disproportionately affected African American communities.

Onsite SemiMono · Light · 10pt

Examples are found all over the world. In China, Holdouts are known as 'dingzihu's', or 'Nail Houses', where stories of residents who refused to be trampled by marches of progress often attract media attention. In NYC, on the so-called Million Dollar Corner, is a plot of property near Macy's Herald Square at 1313 Broadway. The building was purchased by Robert H Smith in 1900 for \$375,000, which is around the equivalent of \$12 million in today's money. He had wanted to prevent Macy's from becoming the largest global store, was thought to be acting for Siegel Cooper which had built (what THEY thought) was the world's largest store on Sixth Ave in 1896. Macy's, unfazed, continued to build around

Onsite SemiMono · Light · 07pt · Old Style Numerals

Across the pond – in London's East End, a similar feud had already taken place – this time between a department store named Wickhams, and clockmakers and jewellers named Spiegelhalters. At the time of Wickham's beginnings, it had humble roots – but as their business began to take off, they began expanding across the neighbouring buildings on the street. At the time, Spiegelhalters had been based at number 75, and had been since the 1880s. Wickham asked to expand into number 75, with the Spiegelhalters' agreeing and moving into number 81. But as Wickham's customer base grew, so did their ambitions. Eventually, they wanted to create a department store to rival the Oxford Street Selfridges, and create their own version across an entire block on Mile End Road. As with Macy's, Wickham's came across an issue

when the Spiegelhalters' refused to sell their shop. Like Macy's, the company decided to build around them – creating what one of the city's best known facades and also, as described by architecture critic Ian Nairn, "one of the best visual jokes in London".

However beyond the folklore and feud is a much more insidious side to the notion of the holdout. In the face of power and systemic injustice, the fight for your own home is one that has heartbreaking consequences. In the US, for example, the 'Eminent Domain' – the right (of the state) to take private property without the property owner's consent⁰¹² – has also historically been used to forcibly remove residents, often disproportionately affecting African American communities. Recently, however, an organisation named 'Where is My Land' is aiming

Construction of Straight Roads

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

David vs Goliath

Onsite SemiMono · Regular · 45pt

The East Cross Route & London's Westway (M-67)

Onsite SemiMono · Regular · 20pt

Several years later, the M-11 protests of the late 1990s were campaigns against the link road that connects traffic from the East Cross Route (A-12) in Hackney Wick, East London going further east to the M-11 via Leyton and Redbridge.

Onsite SemiMono · Regular · 10pt

In the USA, the most affected were low-income, predominantly black neighbourhoods who were also targeted in accordance with extreme principles of urban renewal, a federally backed, crypto-racist program designed just to demolish larger areas of land considered blighted. Eisenhower's Federal Aid Highway Act (1956) saw creation of 66,000 kilometres of an interstate highway, as well as the displacement of over 475,000 households as well as 1,000,000+ people. Many of those displaced were rehoused into low income public housing complexes in overcrowded, crime-ridden areas, further exacerbating the racial and economic divides that still exist in many parts of the US today.

Onsite SemiMono · Regular · 07pt · Old Style Numerals

An alternative form of the resistance to highway construction seen in the local response to the construction of the Westway, the 4km portion of the A-40 motorway running from White City to Marylebone and elevated over the Paddington and Notting Hill neighbourhoods in West London. The motorway brought noise, disruption and pollution to what was an already deprived community and created 23 acres of derelict land underneath. Following its construction in 1970, a network of community action groups formed in response to campaign for better housing and adequate open spaces in the area. These group eventually coalesced into the Westway Trust, a network of community groups and residents' associations who in partnership with the local authority, manage the 23 acres of land

under the flyover. The trust operates sports facilities, offers education and training programmes, promotes arts and culture, and provides space and development opportunities to individuals, businesses, and charities. The organisation provides a blueprint for urban regeneration that alleviates the pernicious effects of highway construction.

An increased focus on social and environmental sustainability in our cities, and a gradual shift from a top-down to a bottom-up approach to urban design has led to a rethinking of highways. In the US, president Joe Biden earmarked \$20 billion funding package aimed at reconnecting neighbourhoods isolated by federal highway construction (although a lack of consensus brought about from partisan politics has cut the bill down to only \$1 billion).

Bean-bags & Breakout space

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

Action Office II

Onsite SemiMono · Book · 45pt

‘Smart Machine’ The Future of Work and Power

Onsite SemiMono · Book · 20pt

Nonetheless, Propst's modernist vision degenerated into a vast wasteland of cubicle farms, microwaved tupperware & middle managers, the likes of which would make Kafka wriggle in his grave. But how then did it all go so wrong?

Onsite SemiMono · Book · 10pt

Jay Chiat believed he had a calling – to revolutionise the antiquated American workplace with the audacious plan to migrate his entire company to paperless hot-desking. The experiment began at the firm's Frank Gehry-designed building in Los Angeles, behind front doors straddled by Claes Oldenburg's giant binoculars. As reported by Warren Berger for Wired^{1a}, the scheme was modeled upon a college campus: staff were each given a tiny locker, but no desk or computer. Laptops and mobile phones were to be signed out from concierge desks each morning. Of course, there were not enough to go around, and there was a daily battle for access to the only private space: a series of project

Onsite SemiMono · Book · 07pt · Old Style Numerals

Macy's were unfazed and continued to build around the building, and Smith sold the building – albeit not to Macy's – for the record \$1.1 million in 1911. Across the pond, in London's East End, a similar feud had already taken place – this time between a department store named Wickhams, and clock-makers and jewellers named 'Spiegelhalters'. At the time of Wickham's beginnings, it had humble roots – but as their business began to take off, they began expanding across the neighbouring buildings on the street. At the time, Spiegelhalters had been based at number 75, and had been since the 1880s. Wickham asked to expand into number 75, with the Spiegelhalters' agreeing and moving into number 81. But as Wickham's customer base grew, so did their ambitions. Eventually, they wanted to

create a department store to rival the Oxford Street Selfridges, and create their own version across an entire block on Mile End Road. As with Macy's, Wickham's came across an issue when the Spiegelhalters' refused to sell their shop. Like Macy's, the company decided to build around them – creating what one of the city's best known facades and also, as described by architecture critic Ian Nairn, “one of the best visual jokes in London”. But beyond the folklore and feud is a much more insidious side to the notion of the holdout. In the face of power and systemic injustice, the fight for your own home is one that has heartbreaking consequences. In the US, for example, the 'Eminent Domain' – the right of the state to take private property without the property owner's consent – has historically been used to

The NOISE of everyday lives

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

Isolated Living

Onsite SemiMono · Medium · 45pt

Nancy Colier in Psychology Today June – 2016*

Onsite SemiMono · Medium · 20pt

Human beings are supposedly naturally sociable creatures, however there will always be those who disagree. There are many people, we all know, who largely prefer to be completely alone – far away from the annoyances of daily life.

Onsite SemiMono · Medium · 10pt

Outside of the context of the pandemic, there's been people striving for a more remote existence for a long time, and many of them in a much more extreme way than simply swapping a Zone 2 two-bed for a Cotswold cottage. Back in 2009, over 34,700 people applied for the 'world's best job' in Australia, which saw the (successful) applicant become caretaker of a remote island. Others have built their own remote abodes, the most extreme examples ranging from the home on 'Just Room Enough Island', which is the smallest inhabited island in the world, to the Casa do Penedo holiday home in Portugal, which was built from four boulders & looks like something straight out...

Onsite SemiMono · Medium · 07pt · Old Style Numerals

Fast-forward to the early 20th century and you see that Le Corbusier was facing the same issues of overcrowding and pollution that we face today when envisioned his 'Radiant City'. Just like Ebenezer Howard's garden city movement, his idea was to build up rather than out – once again, Le Corbusier's 'Towers in the Park' haven't exactly aged well, with many of his high-rise buildings now situated in the impoverished banlieues on the outskirts of Paris. Whether you're building Roman aqueducts or experimenting with cutting-edge desalination techniques (in the instance of NEOM*), conserving water has always been a challenge confronting great urban planners and imaginaries. Similarly, public transport and sustainable energy sources, green spaces, and waste management are issues

that have been faced by generations of architects. When we are feeding the cows seaweed and drones are planting trees and our Big Tech oligarchs are flying around space in phallic symbols, we will always need people who dare to dream even bigger than them – or at least better. Of course, when one dreams of paradise, you can't help but simultaneously dream up its shitty cousin Dystopia. But as Oscar Wild said, 'A map of the world that does not include Utopia is not worth even glancing at, for it leaves out the one country at which humanity is always it's not designed for long term stays, but what's it like to do extended time in the strange non-place that is the airport terminal? Inside the airport, normal rules seem suspended. Travellers from every corner of the world nap under coats and

City on Mars: A High Frontier

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

EXPLOITATION?

Onsite SemiMono · Bold · 45pt + Alternate lowercase g

Human Colonies ●◌ in Space ◌● (Pages 201→214)

Onsite SemiMono · Bold · 20pt · Alternate lowercase g

Leaving a 02°C warmer Earth to live on Mars would be like leaving a messy room so that you can survive in a toxic waste dump. What makes Musk pour money into projects (like this) rather than addressing climate change?

Onsite SemiMono · Bold · 10pt

Our home planet might be heading for oblivion, but it's fine – Bezos and Musk have got this... We'll soon be leaving this scorched rock behind for a life of plenty in utopian floating space colonies or on the not at all inhospitable surface of Mars itself. Concept visuals released by Blue Origin in 2019 depict interiors of an unspecified space colony with a climate that was described by Geoff Bezos as like 'Maui on its best day, all year long', replete with the monorail, red-painted barn, town hall and a noble stag (maybe representing Bezos himself) over-looking a green valley within a gigantic tube. You'd be forgiven for thinking this is all seems a little familiar.

Onsite SemiMono · Bold · 07pt · Old Style Numerals

ON A MACRO-level, they are a timely reminder that the uncontrolled urban sprawl that bedevils almost every single one of the world's 21st-century metropolises needn't necessarily be this way.

These reminders are important because by 2050, seven out of ten people in the world will live in a city, an extraordinary statistic by any metric, but never mind the amount of resources that must consume. To literally make room for everyone, the temptations are to just push out beyond the existing city boundaries. Never Too Small points out this comes at enormous cost. For far-sighted city architects like Rob Adams, who is Melbourne's City Architect, the mission is to build along existing infrastructures and within current boundaries. For every one million

people you keep in extant boundaries, you will save approx \$110b in new infrastructure costs. Which means that making do with what we already have - the abandoned inner-city warehouses and factories in Boston, and the under-utilised shop-houses in Singapore, for instance - becomes key. This is certainly not an invitation for developers to continue to churn out expensive but meanly sized cookie-cutter accommodation - the window-less dorms of Munger Hall for UC Santa Barbara students can spring to mind here - but rather, it is an opportunity to increase the quality of a development within the existing housing stock without sacrificing the humanity of its residents.

All of which brings us back to a full circle to our big original question though it's lightly

A triumph for the little man

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
(↵ 0123456789:.,?&! 1 2 3 4)*

1313 Broadway

Onsite SemiMono · Extrabold · 45pt

**RECORD HIGH!
\$1.8 MILLION
IN JUNE 1911**

Onsite SemiMono · Extrabold · 35pt · Alternate lowercase f

**Beyond the folklore
and feud is a much
more insidious side**

Onsite SemiMono · Extrabold · 23pt

**Yet their families did not
reap the full rewards of hard
work and entrepreneurship.
They were deprived of the gen-
erational wealth over time.**

Onsite SemiMono Extrabold · Thin · 16pt

**In fact, much of all these stories of how the
house in the middle of the M62 came to be
was de-bunked after the 1983 documentary
resurfaced online. It showed that the true
reason was that the motorway had to be re-
routed due to a geological fault beneath.**

£

[illegible]

	Feature OFF	Feature ON
ALL CAPS [.case]	«{[(【Cap@st】)]}»	«{[(【CAP@ST】)]}»
OLD STYLE FIGURES [.osf]	0123456789	ø123456789
FRACTIONS [.numr] / [.dnom]	1/2 + 34/56789	¹ / ₂ + ³⁴ / ₅₆₇₈₉
STANDARD ZERO [.zero] + [.ss08]	2024 2024 ⁰ ₀	2024 2024 ⁰ ₀
CONTEXTUAL ALTERNATES (1) [.calt]	9x87x65 -> Point <-	9×87×65 → Point ←
CONTEXTUAL ALTERNATES (2) [.calt]	((98765432)) ((1))	9 8 7 6 5 4 3 2 ①
SUPERSCRIP / SUPERIOR + SUBSCRIPT / INFERIOR	1 st 4 ^e ≠ H506+1	1 st 4 ^e ≠ H ₅ O ₆₊₁
ORDINAL INDICATOR [.ordn]	1o 2a No	1 ^o 2 ^a N ^o

	Feature OFF	Feature ON
DISCRETIONARY LIGATURES [.dlig]	surfboard flick	surfboard flick
STYLISTIC SET 01 Single storey a [.ss01]	Aggregate	Aggregate
STYLISTIC SET 02 Double storey g [.ss02]	Gregorian	Gregorian
STYLISTIC SET 03 Flat bottom g [.ss03]	Highlighted	Highlighted
STYLISTIC SET 04 Rounded y [.ss04]	Photo-types	Photo-types
STYLISTIC SET 05 Alternate ß [.ss05]	das Schloß	das Schloß
STYLISTIC SET 06 Flat j [.ss06]	João Jensl1	João Jensl1
STYLISTIC SET 07 Titling dieresis [.ss07] + [.titl]	ÜBER SCHÖNE LÄNDER	ÛBER SCHÖNE LÄNDER

	Feature OFF	Feature ON
STYLISTIC SET 09 Closed 4 [.ss09]	404 Error	404 Error
STYLISTIC SET 10 Straight 7 [.ss10]	1976 → 1987	1976 → 1987
STYLISTIC SET 11 Circled Numerals (White) [.ss11]	0123456789	①②③④⑤⑥⑦⑧⑨
STYLISTIC SET 12 Circled Numerals (Black) [.ss12]	0123456789	⓪①②③④⑤⑥⑦⑧⑨
STYLISTIC SET 13 Alternate & [.ss13]	Stone & Mortar	Stone & Mortar
STYLISTIC SET 14 Squarer @ [.ss14]	@sociotype	@sociotype
STYLISTIC SET 15 Bracketed @ [.ss15]	info@ST	info[at]ST
STYLISTIC SET 16 Solid Arrow Heads [.ss16]	↵↗↘↙↘↗↘↙↘↗↘	↵↗↘↙↘↗↘↙↘↗↘
STYLISTIC SET 17 Alternate f [.ss17]	office life	office life

Onsite SemiMono										
STATIC FONTS ↳	Ai	Ai	Ai	Ai	Ai	Ai	Ai	Ai	VARIABLE FONTS ↳	AAAA AAAA
	Thin	Extralight	Light	Regular	Book	Medium	Bold	Extrabold		Variable Upright
Onsite Semi-SemiMono										
STATIC FONTS ↳	Ai	Ai	Ai	Ai	Ai	Ai	Ai	Ai	VARIABLE FONTS ↳	AAAA AAAA
	Thin	Extralight	Light	Regular	Book	Medium	Bold	Extrabold		Variable Upright
Onsite Condensed										
STATIC FONTS ↳	Ai	Ai	Ai	Ai	Ai	Ai	Ai	VARIABLE FONTS ↳		AAA AAAA
	Thin	Extralight	Light	Regular	Medium	Bold	Extrabold			Variable Upright
	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>			AAA AAAA
	Thin Italic	Extralight Italic	Light Italic	Regular Italic	Medium Italic	Bold Italic	Extrabold Italic			Variable Italic
Onsite Standard										
STATIC FONTS ↳	Ai	Ai	Ai	Ai	Ai	Ai	Ai	VARIABLE FONTS ↳		AAA AAAA
	Thin	Extralight	Light	Regular	Medium	Bold	Extrabold			Variable Upright
	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>			AAA AAAA
	Thin Italic	Extralight Italic	Light Italic	Regular Italic	Medium Italic	Bold Italic	Extrabold Italic			Variable Italic
Onsite Extended										
STATIC FONTS ↳	Ai	Ai	Ai	Ai	Ai	Ai	Ai	VARIABLE FONTS ↳		AAA AAAA
	Thin	Extralight	Light	Regular	Medium	Bold	Extrabold			Variable Upright
	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>	<i>Ai</i>			AAA AAAA
	Thin Italic	Extralight Italic	Light Italic	Regular Italic	Medium Italic	Bold Italic	Extrabold Italic			Variable Italic
Onsite - All 3 Widths										
VARIABLE FONTS ↳	AAAAAAAA AAAAAAAAA AAAAAAAAA					AAAAAAAA AAAAAAAAA AAAAAAAAA				
	Variable Upright					Variable Italic				

Custom Versions

A custom typeface is one of the most powerful ways for a brand to distinguish its voice from competitors. Even the most subtle variations in style and form can significantly affect how we perceive messages and tone of voice, so custom type is always an investment worth considering.

Unlike most foundries, we offer an integrated approach to typographic and brand identity, in partnership with our sister creative studio, SOCIO. Get in touch to find out more.

Variable Fonts

Variable fonts allow the user to create custom weights and widths from a single file.

Due to ongoing and rapid changes to desktop publishing software, we are currently unable to offer variable fonts for sale, however we are offering free beta versions to users who purchase certain full subfamily packages.

Users purchasing a full subfamily of Onsite, will receive free beta versions of our variable fonts for Onsite's upright styles, allowing the variable adjustment of weight. Users that purchase all three widths will receive free beta versions that allow variable adjustment of weight and width.

At the time of this release, variable fonts are currently best supported by Adobe Illustrator. Sociotype is not responsible for functionality of variable fonts within third-party software.